

LEGEND	
	FIXTURE TYPE "A1"
	LIGHTING FIXTURE (LETTER DENOTES THE TYPE OF FIXTURE)
	EMERGENCY LIGHTING FIXTURE (LETTER DENOTES THE TYPE OF FIXTURE)
	EXISTING CEILING MOUNTED OCCUPANCY SENSOR
	EXISTING WALL MOUNTED PIR SENSOR
	DIGITAL TWO BUTTONS LIGHT SWITCH, WATT STOPPER LMSW-102
	DIGITAL FOUR BUTTONS LIGHT SWITCH, WATT STOPPER LMSW-104
	DIGITAL FIVE BUTTONS LIGHT SWITCH, WATT STOPPER LMSW-105
	DIGITAL TWO BUTTONS LIGHT SWITCH WITH 3-WAY, WATT STOPPER LMSW-102
	DIGITAL TWO BUTTONS LIGHT SWITCH WITH 3-WAY, WATT STOPPER LMSW-104
	DIGITAL TWO BUTTONS LIGHT SWITCH WITH 3-WAY, WATT STOPPER LMSW-105
	DIGITAL TWO BUTTONS LIGHT SWITCH WITH 4-WAY, WATT STOPPER LMSW-105
	DIGITAL TWO BUTTONS LIGHT SWITCH WITH 4-WAY, WATT STOPPER LMSW-102
	DIGITAL FOUR BUTTONS LIGHT SWITCH, WITH 4-WAY, WATT STOPPER LMSW-104
	CEILING MOUNT DUAL TECH OCCUPANCY SENSOR, WATT STOPPER LMD-100.
	CEILING MOUNT PIR OCCUPANCY SENSOR, WATT STOPPER LMP-100-5
	WALL MOUNT PIR OCCUPANCY SENSOR, WATT STOPPER PW-100
	DIGITAL ON/OFF/0-10V DIMMING ROOM CONTROLLERS WITH ONE RELAY, WATT STOPPER LMR-211-347V
	DIGITAL ON/OFF/0-10V DIMMING ROOM CONTROLLERS WITH TWO RELAYS, WATT STOPPER LMR-212-347V
	DIGITAL ON/OFF/0-10V DIMMING ROOM CONTROLLERS WITH THREE RELAYS, WATT STOPPER LMR-213-347V
	EMERGENCY LIGHTING CONTROL UNIT, WATT STOPPER ELCU-200-347
	MODULATION CONTROL PANEL
	DIGITAL ROOM CONTROLLER WITH SINGLE RELAY, WATT STOPPER LMR-101
	ELECTRICAL PANEL
	NON-FUSED DISCONNECT SWITCH
	MOTOR CONNECTION (SINGLE OR THREE PHASE)
	MAIN SWITCH BOARD
	15A, 120V DUPLEX T-SLOT GROUND FAULT INTERRUPTER RECEPTACLE.
	FIRE ALARM CONTROL PANEL
	EMERGENCY LIGHTING FIXTURE
	EMERGENCY LIGHTING FIXTURE AND BATTERY
	EMERGENCY LIGHTING FIXTURE, BATTERY AND EXIT SIGN
	EXIT SIGN
	BATTERY
	DIRECT HARDWIRE CONNECTION
	PA SPERAKER
	DOOR OPERATOR
	OUTLET FOR PUSH TO LOCK
	OUTLET FOR PUSH TO UNLOCK
	STROBE LIGHT FOR EMERGENCY RESPONSE SYSTEM
	PATIENT UNIT FOR EMERGENCY RESPONSE SYSTEM
	OCCUPIED LIGHT FOR EMERGENCY RESPONSE SYSTEM
	EMERGENCY RESPONSE SYSTEM
	DOOR HOLD OPEN DEVICE

GENERAL NOTES

- ARRANGE A TRAINING SESSION WITH THE LIGHTING CONTROL MANUFACTURER AND BECOME FAMILIAR WITH THE INSTALLATION REIMBURSEMENTS OF THE DIGITAL LIGHTING CONTROL SYSTEM.
- THE DRAWINGS ARE NOT TO BE SCALED FOR INSTALLATION PURPOSES, ALL MEASUREMENTS ARE TO BE OBTAINED FROM FIELD MEASUREMENTS.
- CONTRACTOR IS TO REMOVE ALL EXISTING DEAD AND ABANDONED CONDUIT AND WIRING BACK TO SOURCE, WHERE NOT POSSIBLE TO REMOVE EXISTING CONDUIT, CONDUIT IS TO BE LEFT BEHIND AND EXISTING WIRE IS TO BE REMOVED AND REPLACED WITH A PULL ROPE.
- CONTRACTOR IS TO PROVIDE ELECTRONIC CAD AS BUILT DRAWINGS IN DWG AND PDF FORMAT AT THE COMPLETION OF THE PROJECT. CAD FILES ARE TO BE AUTOCAD 2004.
- UNLESS NOTED OTHERWISE ALL WIRING SHALL BE IN CONDUIT AND CONCEALED IN WALLS AND CEILING SPACES. BX IS PERMITTED IN SPECIAL CIRCUMSTANCES AND SHORT DROP FROM JUNCTION BOXES TO LIGHT FIXTURES. REFER TO SPECIFICATIONS. CONDUIT RUNS ARE TO BE PARALLEL TO WALL STUDS AND DROP FROM JUNCTION BOXES MOUNTED IN THE CEILING SPACE.
- UNLESS SPECIFICALLY NOTED AS "CABLING BY OTHERS", THE CONTRACTOR SHALL INCLUDE FOR ALL CABLING TO DEVICES ETC AS SHOWN FOR A COMPLETE AND FUNCTIONING SYSTEMS.
- CONTRACTOR IS TO MAINTAIN POWER AND COMMUNICATION CIRCUITS IN AREAS OUTSIDE OF THE CONSTRUCTION AREA. PROVIDE TEMPORARY CONNECTIONS AS REQUIRED, COORDINATE WITH OWNER.
- REFER TO CLASSROOM LIGHTING CONTROL DIAGRAM IN ELECTRICAL DETAILS FOR CLASSROOM LIGHTING CONTROL REQUIREMENTS. PROVIDE AND INSTALL ALL DEVICES AND CO-ORDINATE WITH MANUFACTURER FOR REQUIREMENTS.
- ELECTRICAL CONTRACTOR TO ALLOW FOR PROVIDING AND INSTALLING CHAIN SUPPORT FOR THE LIGHTING FIXTURES.
- CONTRACTOR TO PROVIDE AND INSTALL PHOTOCELL FOR THE CONTROL OF OUTSIDE LIGHTING. LOCATION OF THE PHOTOCELL TO BE DETERMINED ON SITE BASED ON CONSULTATION WITH THE CONSULTANTS.
- ALL ELECTRICAL WIRING TO BE RUN IN EMT CONDUITS.
- FREE AIR LOW VOLTAGE WIRES ARE ONLY ACCEPTABLE IN CONCEALED CEILING SPACES. ALL EXPOSED LOW VOLTAGE WIRES TO BE INSTALLED IN EMT CONDUITS.
- ALL CONDUITS INSTALLED TO BE PAINTED TO MATCH EXISTING BACKGROUND COLOR SCHEME.
- ALL EXISTING SWITCHES IN THE CORRIDORS, STAIRCASES, CHANGE ROOMS AND WASH ROOMS TO BE REMOVED AND STAINLESS STEEL PLATES TO BE INSTALLED TO COVER THE REMOVED SWITCHES.
- CONTRACTOR SHALL INSTALL NEW LED LIGHTING FIXTURES, CONTROLS & FIRE RATED BOX AT THE SAME TIME TO COMPLETE INSTALLATION.
- CONTRACTOR SHALL PUT BACK ALL THE CEILING TILES REMOVED TO PERFORM THE LED RETROFIT WORK EVERYDAY SO AS NOT TO LEAVE ANY ROOM WITH OPEN CEILING TILES.
- IT IS MANDATORY FOR THE GC TO BE PRESENT AT SITE WHENEVER WORK IS DONE AT SITE.

DEMOLITION LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	VOLT	LAMP		MOUNT	REMARKS
			WATT	TYPE		
F1	2'X4' RECESSED FIXTURE	120	128	T8	CEILING MOUNTED	CLASS ROOM, OFFICE
F2	2'X2' RECESSED MOUNTED FIXTURE	120	48	T8	CEILING RECESSED MOUNTED	MUSIC AND INSTRUMENT ROOM
T1	1'X4' RECESSED FIXTURE	120	64	T8	CEILING MOUNTED	CORRIDOR
T3	1'X4' FIXTURE	120	64	T8	CEILING RECESSED MOUNTED	WASHROOM
T4	1'X4' FIXTURE	120	64	T8	SURFACE MOUNTED	ELECTRICAL ROOM MECHANICAL ROOM
F12	4' HIGH BAY SURFACE MOUNTED FIXTURE	120	96	T8	CEILING SUSPENDED	GYM
R2	HIGH BAY CYLINDER SURFACE MOUNTED FIXTURE	120		OFL	CEILING SUSPENDED	GYM
N1	4' SURFACE MOUNTED FIXTURE	120	64	T8	WALL MOUNTED	
A2	8" DOWN LIGHT CEILING MOUNTED	120	32	OFL	CEILING RECESSED	MAIN CORRIDOR, OFFICE
B1	10" DOWN LIGHT	120	32	OFL	CEILING RECESSED	CAFETERIA
C1	8" DOWN LIGHT	120	32	OFL	CEILING RECESSED	
D1	DOWN LIGHT	120	32	OFL	CEILING RECESSED	LIBRARY, CORRIDOR, CHAPEL
D2	10" DOWN LIGHT (CYLINDER)	120	64	OFL	CEILING RECESSED	LECTURE HALL, LIBRARY
H2	DOWN LIGHT	120	32	OFL	DRYWALL CEILING RECESSED	CHAPEL
L1	DOWN LIGHT	120	32	OFL	CEILING RECESSED	MAIN ENTRANCE CORRIDOR
G	4' FIXTURE	120	32	T8	CEILING MOUNTED	
V1	LED WALL MOUNTED FIXTURE	120	32	T8	WALL MOUNTED	CAFETERIA
F1	2'X4' RECESSED FIXTURE	347	128	T8	DRY WALL CEILING	FIELD HOUSE

LIGHTING CONTROL SYSTEM NOTES:

- LOCATE ZONE CONTROLLER AND ROOM CONTROLLER IN ACCESSIBLE CEILING. CONFIRM EXACT LOCATION ON SITE. PROVIDE 120V POWER SUPPLY AS NOTED FROM A NEAREST PANEL.
- MSTP WIRING FOR INTEGRATION BETWEEN THE LIGHTING CONTROL SYSTEM AND BAS MUST MEET FOLLOWING REQUIREMENT
- ALL BACNET DEVICES HAS TO BE BTL LISTED.
- BACNET INSTANCE NUMBER FOR EACH BACNET DEVICE WILL BE PROVIDED BY THE BOARD. (THE SCHOOL BOARD HAS A STANDARD BACNET INSTANCE RANGE PER EACH OF OUR BUILDINGS AND EACH SYSTEM WITHIN THE BUILDING)
- THE WIRE USED FOR THIS MSTP NETWORK SHOULD BE LOW CAPACITANCE TWISTED SHIELDED CABLE SUITABLE FOR EIA 485 BACNET COMMUNICATION. THE CABLE SHOULD HAVE IMPEDANCE RECOMMENDED BY THE MANUFACTURER OF THE BACNET DEVICE (WATT STOPPER).
- THE MSTP NETWORK WIRE SHIELD SHALL BE GROUNDED AT ONE END ONLY AND IT SHALL BE AT THE POINT IT IS GETTING INTEGRATED TO BAS. AT ALL OTHER CONTROLLER THE MSTP NETWORK WIRE SHIELD SHALL BE LOOPEO.
- END OF LINE SHALL BE INSTALLED AT BOTH ENDS OF THE MSTP TRUNK.
- MSTP SHALL BE DAISY CHAINED FROM CONTROLLER TO CONTROLLER. T TAPPING AND STAR WIRING TOPOLOGY WILL NOT BE ALLOWED.
- CORRIDOR AND STAIRCASE LIGHTING TO BE PROGRAMMED TO BE 50% AFTER HOURS.
- WHEN SECURITY IS BREACHED AFTER HOURS, SECURITY SYSTEM WILL CLOSE A DRY CONTACT AND WILL INFORM BAS. BAS WILL TURN ON CORRIDOR & STAIRCASE LIGHTING TO 100% BY SENDING A COMMAND TO THE LIGHTING CONTROLLER THROUGH BACNET. ONCE SECURITY SIGNAL IS CLEARED, NORMAL LIGHTING CONTROL SEQUENCE WILL FOLLOW.
- IN SCHOOLS WHERE THE EXISTING BAS IS NOT BACNET COMPATIBLE, LIGHTING CONTROLS CONTRACTOR TO ALLOW FOR PICKING UP TWO DRY CONTACT INPUTS FROM THE SECURITY PANEL TO TURN ON CORRIDOR AND STAIRCASE LIGHTING TO 100% UPON SECURITY BREACH. NORMAL LIGHTING SEQUENCE WILL FOLLOW ONCE THE SECURITY BREACH IS CLEARED. (BAS AT THIS SCHOOL IS NOT BACNET COMPATIBLE)

CONTROL SETTING

- CLASSROOM LIGHTING:**
- LIGHTING CONTROLS TO CAP OFF THE LIGHTING OUT PUT IN THE CLASS ROOMS TO MEET THE FOOT CANDLE REQUIREMENTS AS STATED IN THE CONTRACT DOCUMENTS. FOR CLASS ROOMS 35-40 FC.
 - WHEN AN OCCUPANT WALKS INTO THE ROOM THE OCCUPANCY SENSOR PICKS UP THE MOTION AND DOES THE FOLLOWING:
 - ZONE 2 (MIDDLE) AUTO ON WITH PREDICTIVE OFF. 75% ON. THE OCCUPANCY SENSORS AUTOMATICALLY TURN LIGHTS ON TO 75% WHEN OCCUPANT IS DETECTED LIGHTS ARE SWITCHED OFF. SENSOR DETERMINES THE OCCUPANTS HAS LEFT THE ROOM THE LIGHT GOES OFF.
 - ZONE 3 (WHITE BOARD) SEMI AUTO. 75% ON. THE LIGHTS WILL REMAIN OFF AND THE OCCUPANT TO MANUALLY TURN THE LIGHTS ON, WHILE HAVING THEM TURN OFF AUTOMATICALLY BY A SENSOR.
 - ZONE 1 (CLOSER TO THE DOOR) SEMI AUTO. 75% ON. THE LIGHTS WILL REMAIN OFF AND THE OCCUPANT TO MANUALLY TURN THE LIGHTS ON, WHILE HAVING THEM TURN OFF AUTOMATICALLY BY A SENSOR.
- CORRIDOR & STAIRCASE:**
- HIGH OCCUPANCY AS DEFINED BY BAS THRU BACNET, LIGHTING LEVEL TO BE 100% IN CORRIDORS AND STAIRCASE.
 - LOW OCCUPANCY AS DEFINED BY BAS THRU BACNET, LIGHTING LEVEL TO BE 50% UNTIL MOTION IS DETECTED, ONCE MOTION IS DETECTED GOES TO 100%.
 - AFTER HOURS AS DEFINED BY BAS THRU BACNET, LIGHTING IN THE CORRIDORS TO BE TURNED OFF AND STAIRCASE TO BE KEPT AT 50%. ONCE MOTION IS DETECTED BOTH THE CORRIDORS AND THE STAIRCASE TO GO TO 100% FOR THE SPECIFIED DURATION.
 - WHEN SECURITY IS BREACHED, BAS WILL SENDS AN ALARM SIGNAL TO TURN ON THE CORRIDOR AND STAIRCASE TO 100%, ONCE THE ALARM CONDITION IS CLEARED NORMAL SEQUENCE WILL FOLLOW.
- CAFETERIA LIGHTING:**
- CAFETERIUM TO HAVE MULTI LOADS WITH DIMMING CAPABILITY.
 - LOAD A WILL BE THE LIGHTING ROW WHICH WILL BE THE FIRST PARALLEL ROW FROM THE STAGE.
 - REFER FLOOR PLAN & CONTROL DETAILS FOR FURTHER ASSISTANCE.
- GYMNASIUM LIGHTING:**
- GYMNASIUM SHOULD HAVE 3 SCENE SWITCHING
 - SCENE SWITCHING ONE- 100% ON - FOR TOURNAMENTS
 - SCENE SWITCHING TWO- 80% ON - FOR REGULAR USE
 - SCENE SWITCHING THREE- COMPLETE OFF
 - BOTH THE SCENES (100% OR 80%) HAVE DIMMING CAPACITY.

PROPOSED LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMP/FIXTURE MAKE/MODEL	VOLT	LUMENS	LAMP			MOUNT	REMARKS	DLC PRODUCT ID #
					WATT	TYPE	COL.			
F1	2'X4' RECESSED FIXTURE	LITHONIA LED EPANL 2'X4 4000LM 80CRI 40K MN10 ZT M9LT EQUALS: PEERLESS-ELECTRIC AND LITELINE	UNV	4860	40	LED	4000	CEILING RECESSED	CLASSROOM, OFFICE, LIBRARY, COMPUTER LAB DLC CERTIFIED	DLC FAMILY CODE: PPP1B8 DLC PRODUCT CODE:PMFMR4UP
F2	2'X2' RECESSED MOUNTED FIXTURE	LITHONIA LED EPANL 2'X2 3000LM 80CRI 40K MN10 ZT M9LT EQUALS: PEERLESS-ELECTRIC AND LITELINE	UNV	3291	30	LED	4000	CEILING RECESSED	MUSIC AND INSTRUMENT ROOM	DLC FAMILY CODE: P200V0K
F12	4' PREMIUM-GRADE HIGH BAY LUMINAIRE, COME WITH WIRE GUARD	LITHONIA LED: 180W 1'X4 18000LM SEF AFL WD 80CRI 40K G210 M9ALT EQUALS: PEERLESS-ELECTRIC, PHILIPS AND LITELINE	UNV	18000	177	LED	4000	CEILING SUSPENDED	GYM DLC CERTIFIED	DLC FAMILY CODE: ZAZZ24 DLC PRODUCT CODE:PELUP0A
T1	1'X4' CEILING SURFACE MOUNTED FIXTURE	LITHONIA LED EPANL 1'X4 3000LM 80CRI 40K MN10 ZT M9LT EQUALS: PEERLESS-ELECTRIC AND LITELINE	UNV	3190	30	LED	4000	CEILING SURFACE MOUNTED	CORRIDOR DLC CERTIFIED	DLC FAMILY CODE: PPP1B8 DLC PRODUCT CODE:PMFMR4M44
T3	1'X4' CEILING RECESSED MOUNTED FIXTURE	LITHONIA LED EPANL 1'X4 3000LM 80CRI 40K MN10 ZT M9LT EQUALS: PEERLESS-ELECTRIC, PHILIPS AND LITELINE	UNV	3190	30	LED	4000	RECESSED MOUNTED	WASHROOM DLC CERTIFIED	DLC FAMILY CODE: PPP1B8 DLC PRODUCT CODE:
T4	1'X4' SURFACE/SUSPENDED MOUNTED FIXTURE	LITHONIA LED BLMP4 1'X4 2000LM ADP LP840 80CRI 40K G210 M9ALT EQUALS: PEERLESS-ELECTRIC, PHILIPS AND LITELINE	UNV	2000	19	LED	4000	SURFACE MOUNTED	ELECTRICAL AND MECHANICAL ROOM DLC CERTIFIED	DLC FAMILY CODE: PPP5H4 DLC PRODUCT CODE:PE19M9H4
N1	4" LED WALL MOUNTED LIGHTING FIXTURE	VISIONEERING LUDO DI 48-LED40K CCT4 80CRI UNV WHIT EQUALS: PEERLESS-ELECTRIC, LITHONIA AND GE	UNV	3578	20	LED	4000	WALL MOUNTED	CORRIDOR /CAFETERIA	
A2	8" DOWN LIGHT	GE L18R8B010MSDCLMT840VQ EQUALS: LITHONIA, PHILIPS AND COOPER	UNV	1160	10	LED	4000	DRYWALL CEILING RECESSED	LOBBY, OFFICE	
B1	10" DOWN LIGHT	GE L1C10R8B010MSDCLMT840VQ WITH FARNMER	UNV	1576	13.5	LED	4000	CEILING MOUNTED	CAFETERIA	
C1	8" DOWN LIGHT	GE L18R8B010MSDCLMT840VQ EQUALS: LITHONIA, PHILIPS AND COOPER	UNV	1160	10	LED	4000	CEILING RECESSED	WASHROOM	
D1	4' DOWN LIGHT	NO4CYL SC D 15LM 40K 80CRI WOMN10 M9OLT EZT EQUALS: PEERLESS-ELECTRIC	UNV	1466	15	LED	4000	CEILING RECESSED	LIBRARY, CORRIDOR, CHAPEL	
D2	8" DOWN LIGHT	NO8CYL SC D 20LM 40K 80CRI WOMN10 M9OLT EZT EQUALS: PEERLESS-ELECTRIC	UNV	1968	20	LED	4000	CEILING SURFACE MOUNTED	LECTURE HALL, LIBRARY	
H2	6" DOWN LIGHT	GE L18R8B010MSDCLMT840VQ EQUALS: LITHONIA, PHILIPS AND COOPER	UNV	1160	10	LED	4000	DRYWALL CEILING RECESSED	CHAPEL	
L1	10" DOWN LIGHT WEATHER PROOF RECESSED LED LIGHT FIXTURE	GE L1C10R8B010MSDCLMT840VQ EQUALS: WILLIAMS, GE AND COOPER	UNV	1576	13.5	LED	4000	DRYWALL CEILING RECESSED	MAIN ENTRANCE LOBBY	
G	4' INDIRECT LIGHT FIXTURE	CLBK 4FT1 1600LM80CRI40KMN10ZTM9OLTJ12 EQUALS: WILLIAMS, GE AND COOPER	UNV	1564	9.9	LED	4000	SURFACE MOUNTED	CHAPEL	
F1	2'X4' RECESSED FIXTURE	LITHONIA LED EPANL 2'X4 4000LM 80CRI 40K MN10 ZT 374V EQUALS: PEERLESS-ELECTRIC AND LITELINE	347	4860	40	LED	4000	DRYWALL CEILING RECESSED	FIELD HOUSE	

NOTES

- ELECTRICAL CONTRACTOR TO CARRY LIGHTING FIXTURES FOR ALL VOLTAGES. NO EXTRA WILL BE ENTERTAINED FOR THE CHANGE IN VOLTAGE.
- CONTRACTOR TO CHECK THE VOLTAGE ON SITE BEFORE ORDERING LIGHTING FIXTURES.
- ELECTRICAL CONTRACTOR ALSO TO ALLOW FOR PROVIDING 120V POWER TO THE LIGHTING CONTROLLERS FROM THE NEAREST ELECTRICAL PANEL.
- ALL NEW SUSPENDED FIXTURES TO BE AT THE SAME ELEVATION AS THE EXISTING.
- MAIN NETWORK HUB REQUIRES CONNECTION TO THE BOARDS NETWORK TO BE LOCATED RESIDE BUILDING AUTOMATION HUB.
- BESIDES EVERY PANEL AND LIGHTING CONTROL, RELAY, CONTRACTOR TO PROVIDE LAMACOID ATTACHED TO THE T BAR OR DRY WALL CEILING. GIVE NUMBERS IN SEQUENCE.
- CONTRACTOR TO TAKE QUTY OR BYPASS THE EXISTING CONTROLS THAT ARE EXECUTED THROUGH BAS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL LEGRAND 500700 SERIES SMALL RACEWAY/BACK BOXES TO INSTALL THE CAT 5E LOW VOLTAGE CABLE IN CLASSROOMS/OFFICES/GYM WHERE ADDITIONAL LOW VOLTAGE SWITCHES ARE SHOWN.
- ALL EXPOSED ELECTRICAL CONDUIT SHALL BE PAINTED TO MATCH EXISTING COLOR.

NETWORK CABLE

- M8/TP EIA-485 NETWORK SHALL USE SHIELDED, TWISTED PAIR CABLE FOR DATA SIGNALING WITH CHARACTERISTIC IMPEDANCE BETWEEN 100-150 OHMS.
- DISTRIBUTED CAPACITANCE BETWEEN CONTROLLERS SHALL BE LESS THAN 100PF PER METER (300PF PER FOOT).
- DISTRIBUTED CAPACITANCE BETWEEN CONDUCTANCE AND SHIELD SHALL BE LESS THAN 200PF PER METER (600PF PER FOOT).

ELECTRICAL DRAWING LIST:

- E1.0 ELECTRICAL LEAD SHEET & SCHEDULES
- E1.1 KEY PLAN
- E2.0 DEMOLITION LIGHTING FIRST FLOOR PLAN
- E2.2 DEMOLITION LIGHTING SECOND FLOOR PLAN
- E2.3 DEMOLITION FIELD HOUSE LIGHTING FIRST FLOOR PLAN
- E2.4 DEMOLITION FIELD HOUSE LIGHTING FIRST FLOOR PLAN
- E3.0 DEMOLITION BOILER ROOM REPLACEMENT OF ZONE PUMP
- E3.1 DEMOLITION UNIT VENTILATOR FIRST FLOOR PLAN.
- E3.2 DEMOLITION UNIT VENTILATOR SECOND FLOOR PLAN.
- E4.0 PROPOSED LIGHTING FIRST FLOOR PLAN.
- E4.1 PROPOSED LIGHTING FIRST FLOOR PLAN.
- E4.2 PROPOSED FIELD HOUSE LIGHTING FIRST FLOOR PLAN.
- E4.3 PROPOSED FIELD HOUSE LIGHTING SECOND FLOOR PLAN.
- E4.4 LIGHTING CONTROL DETAILS-1
- E4.5 LIGHTING CONTROL DETAILS-2
- E5.0 PROPOSED BOY & GIRLS WASHROOM LAVATORY FIXTURE POWER FLOOR PLAN.
- E5.2 PROPOSED NEW STAFF WASHROOM LAVATORY FIXTURE POWER FLOOR PLAN.
- E5.3 PROPOSED UNIT VENTILATOR FIRST FLOOR PLAN
- E5.4 PROPOSED UNIT VENTILATOR SECOND FLOOR PLAN
- E5.5 PROPOSED UNIT VENTILATOR ROOF FLOOR PLAN.
- E5.6 PROPOSED LOAD SCHEDULE FOR VENTILATOR AND CONDENSER UNIT
- E6.0 ELECTRICAL SPECIFICATION.

The Contractor shall verify all dimensions prior to commencement of the work.
All print and specifications are the property of the Architect and must be returned upon completion of the work.

ISSUE OR REVISION

No.	Description	Date
1	ISSUED FOR BUILDING PERMIT & TENDER	APR 01, 2026

ST. DAVID CATHOLIC SECONDARY SCHOOL

4 HIGH ST., WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROJECT :

PROFESSIONAL SEAL :



DWG TITLE :

ELECTRICAL LEAD SHEET



REGAL CONSULTING ENGINEERS INC.
CONSULTING MECHANICAL & ELECTRICAL ENGINEERS
208 WYECROFT ROAD, SUIT 200 OAKVILLE, ON L6K 3S3
PHONE: (905) 844-3813
www.regal-eng.com

DATE : 2026

SCALE : NTS

DRAWN BY: SY

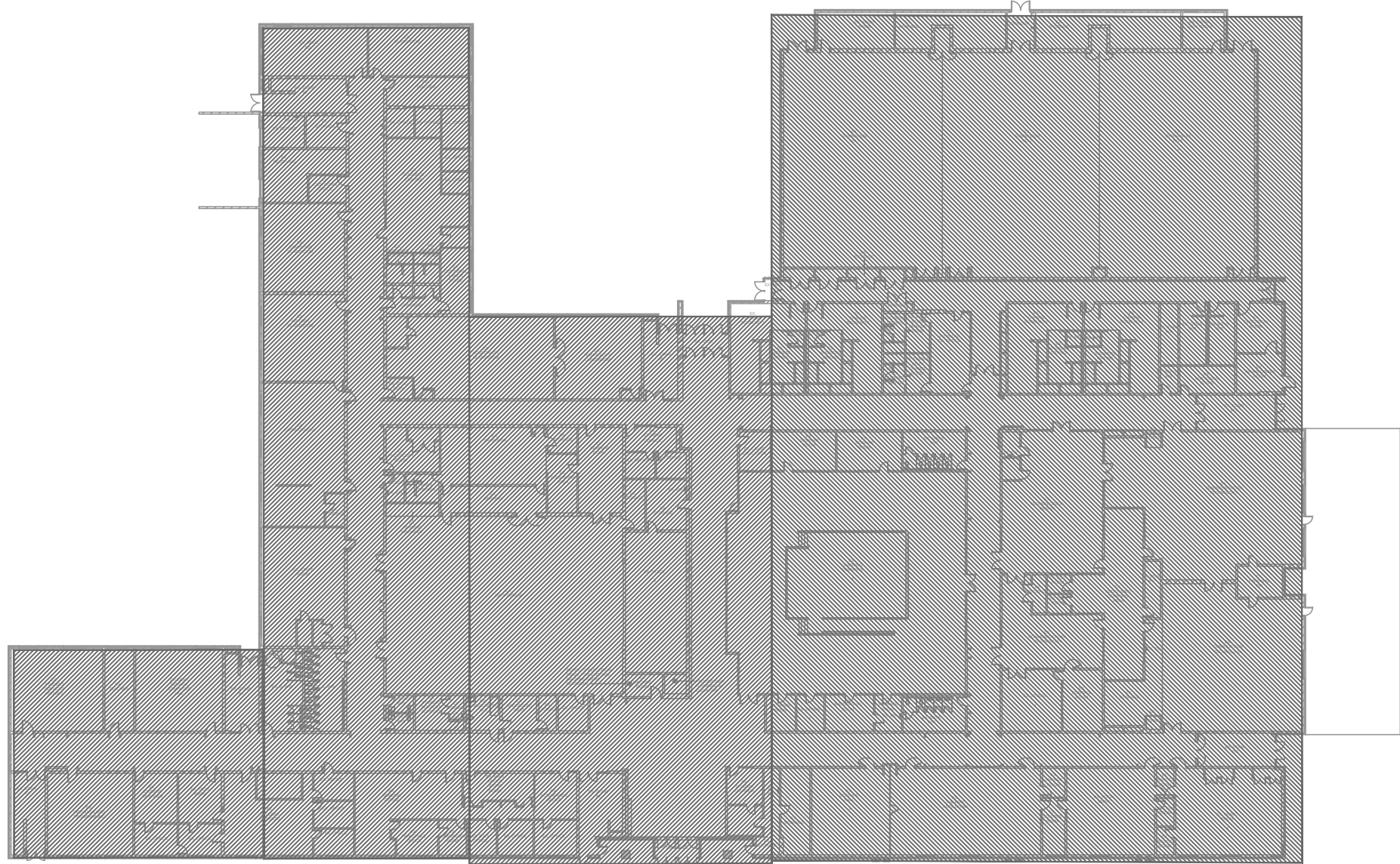
CHECKED BY: MA

DWG STATUS :
PERMIT & TENDER

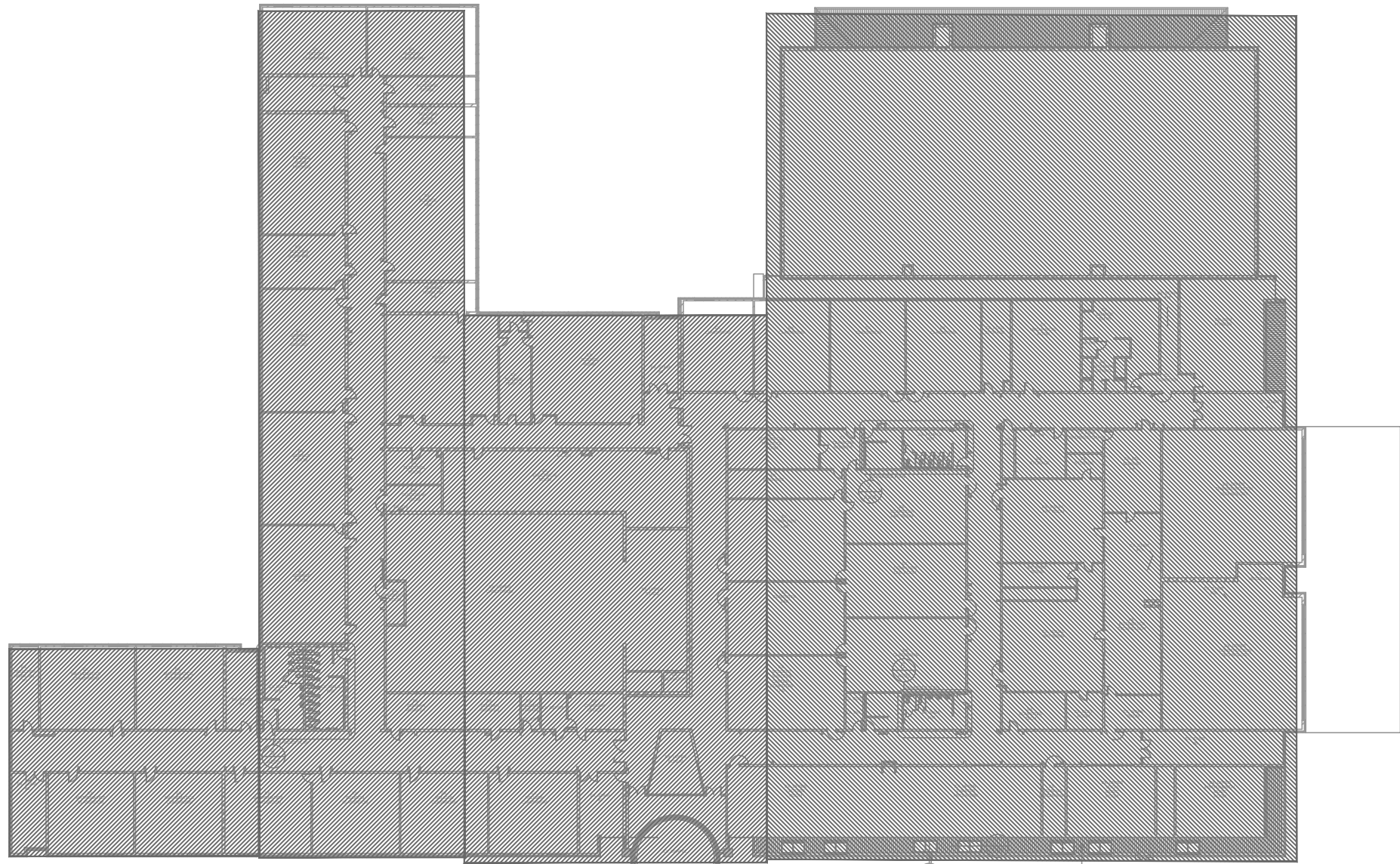
PROJECT No. : 2026-513

DRAWING No. : E1.0

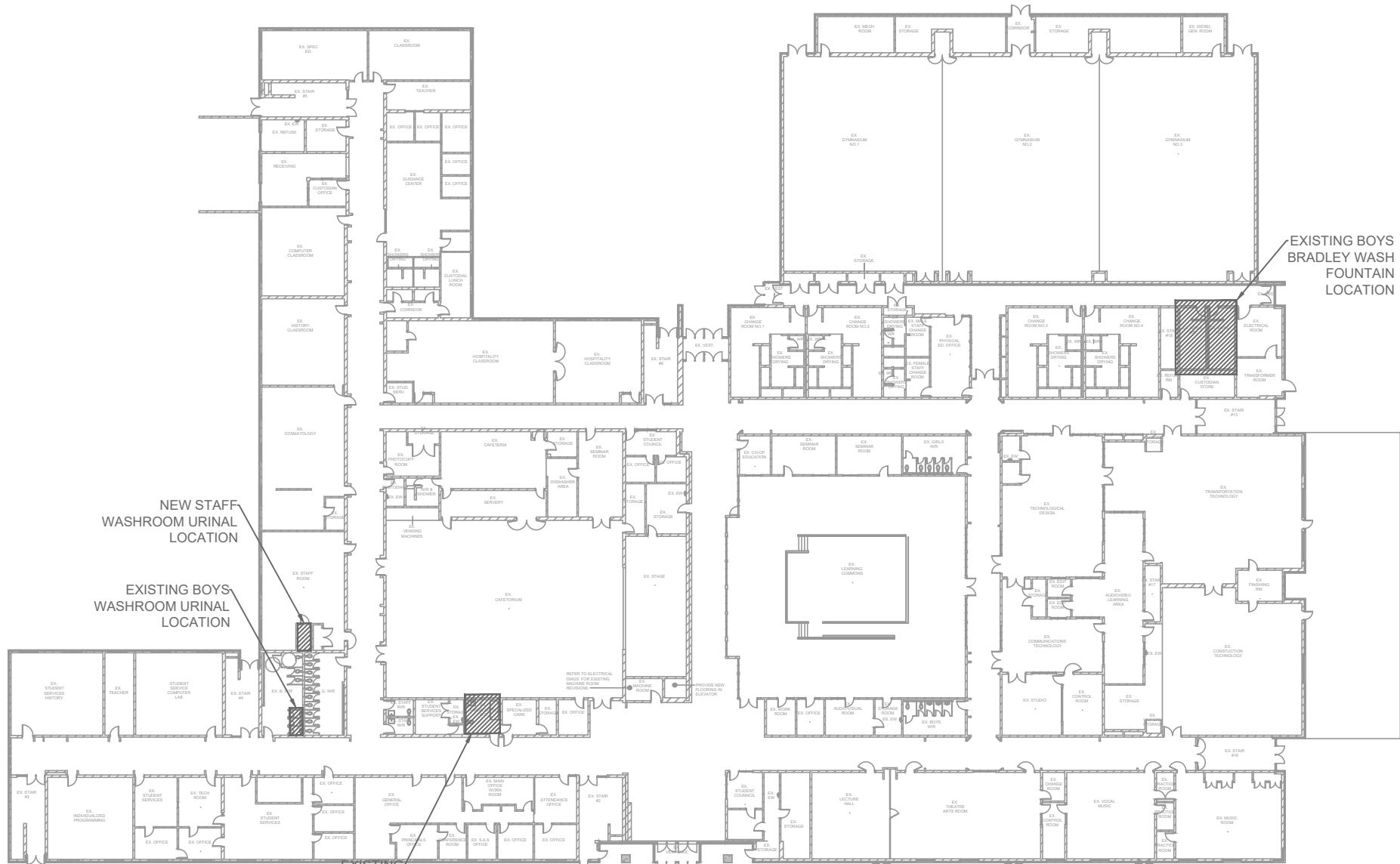
REVISION



1 FIRST FLOOR PLAN
E1.1 SCALE NTS



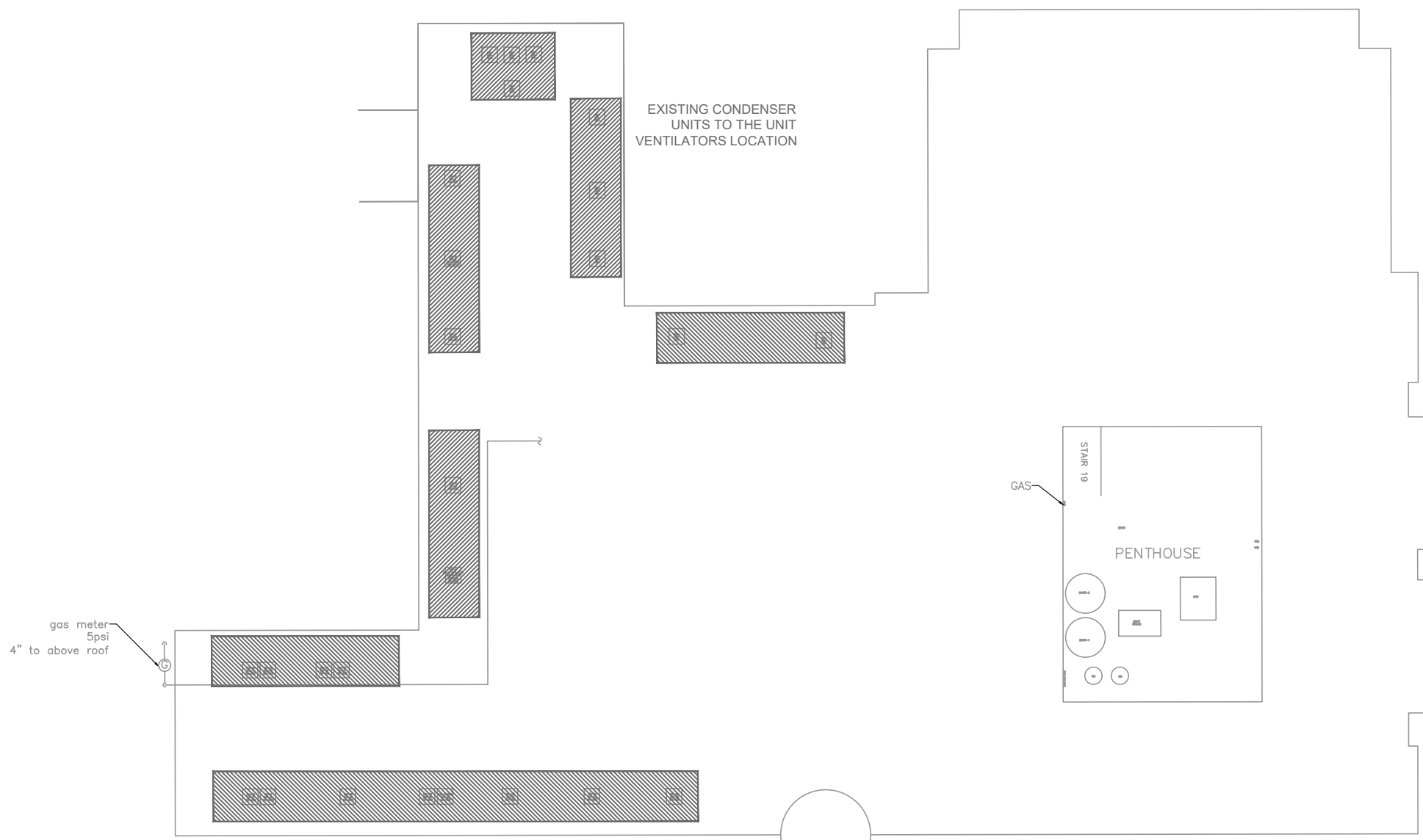
1 SECOND FLOOR PLAN
E1.1 SCALE NTS



1 FIRST FLOOR PLAN
E1.1 SCALE NTS



1 SECOND FLOOR PLAN
E1.1 SCALE NTS



3 ROOF PLAN
E1.1 SCALE NTS



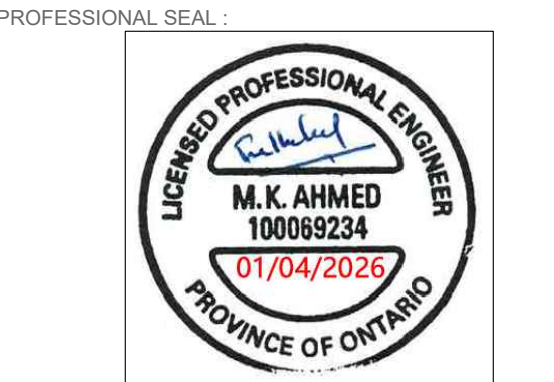
1 FIRE ALARM PANEL - MIRCOM IN MAIN ELECTRICAL ROOM
E1.1 SCALE NTS

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No.	Description	Date
1	ISSUED FOR BUILDING PERMIT & TENDER	APR 01, 2026

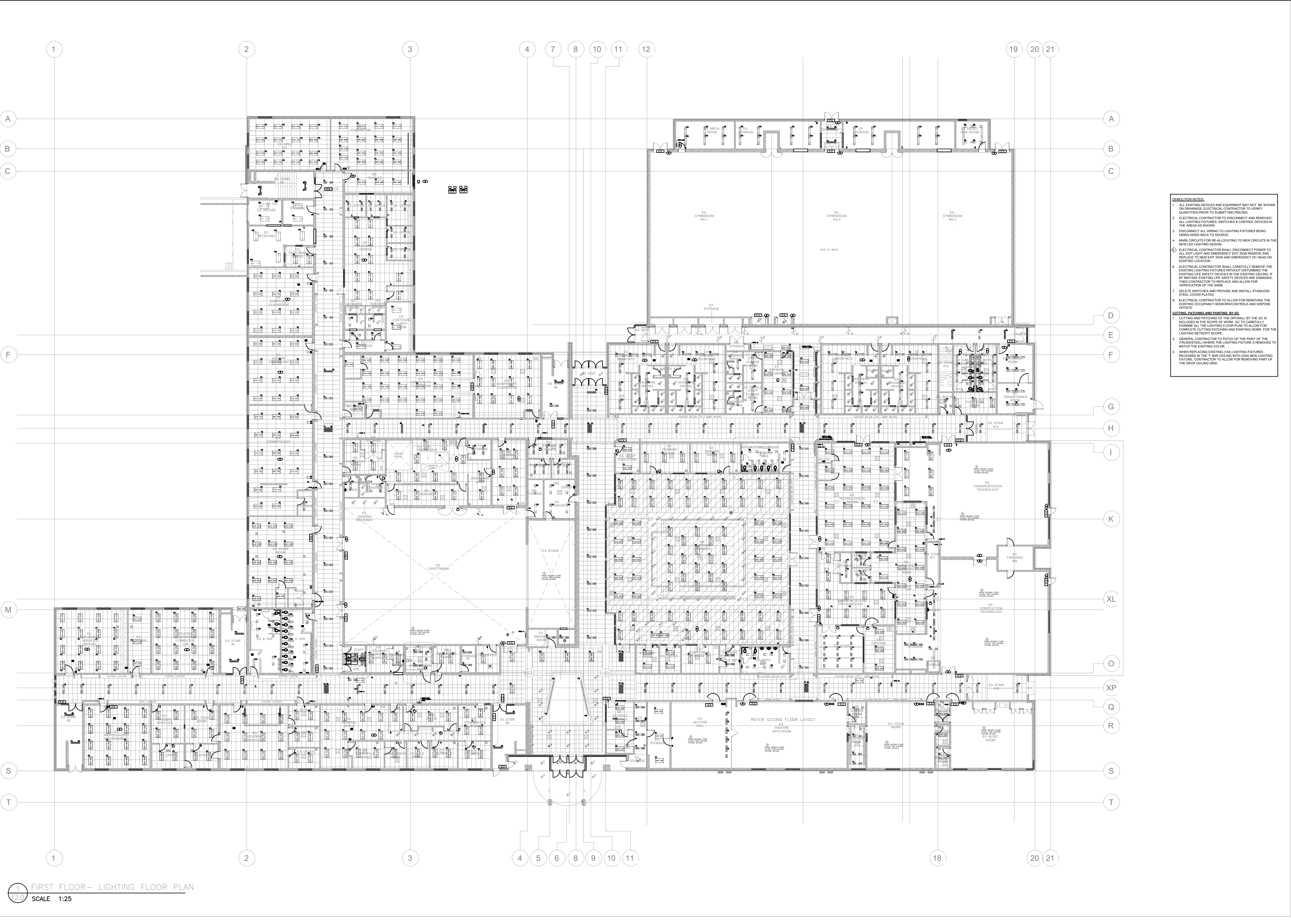
PROJECT :
ST. DAVID CATHOLIC SECONDARY SCHOOL
4 HIGH ST., WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD



DWG TITLE :
KEY PLANS



DATE :	2026
SCALE :	NTS
DRAWN BY :	SY
CHECKED BY :	MA
DWG STATUS :	PERMIT & TENDER
PROJECT No. :	2026-513
DRAWING No. :	E1.1
REVISION	



The Contractor shall verify all dimensions prior to commencement of the work. All print and specifications are the property of the Architect and must be returned upon completion of the work.

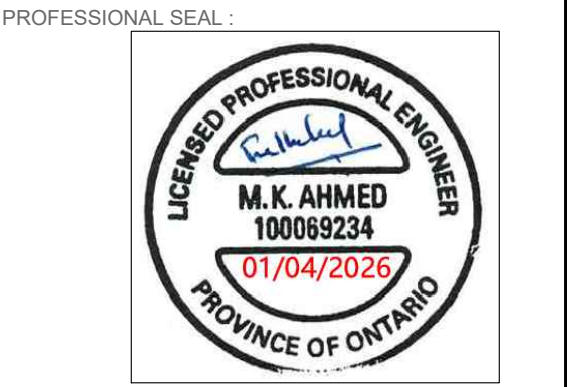
ISSUE OR REVISION		
No.	Description	Date
1	ISSUED FOR BUILDING PERMIT & TENDER	APR 01, 2026

PROJECT :

ST. DAVID CATHOLIC SECONDARY SCHOOL

4 HIGH ST, WATERLOO, ON N2L 3X5

WATERLOO CATHOLIC DISTRICT SCHOOL BOARD



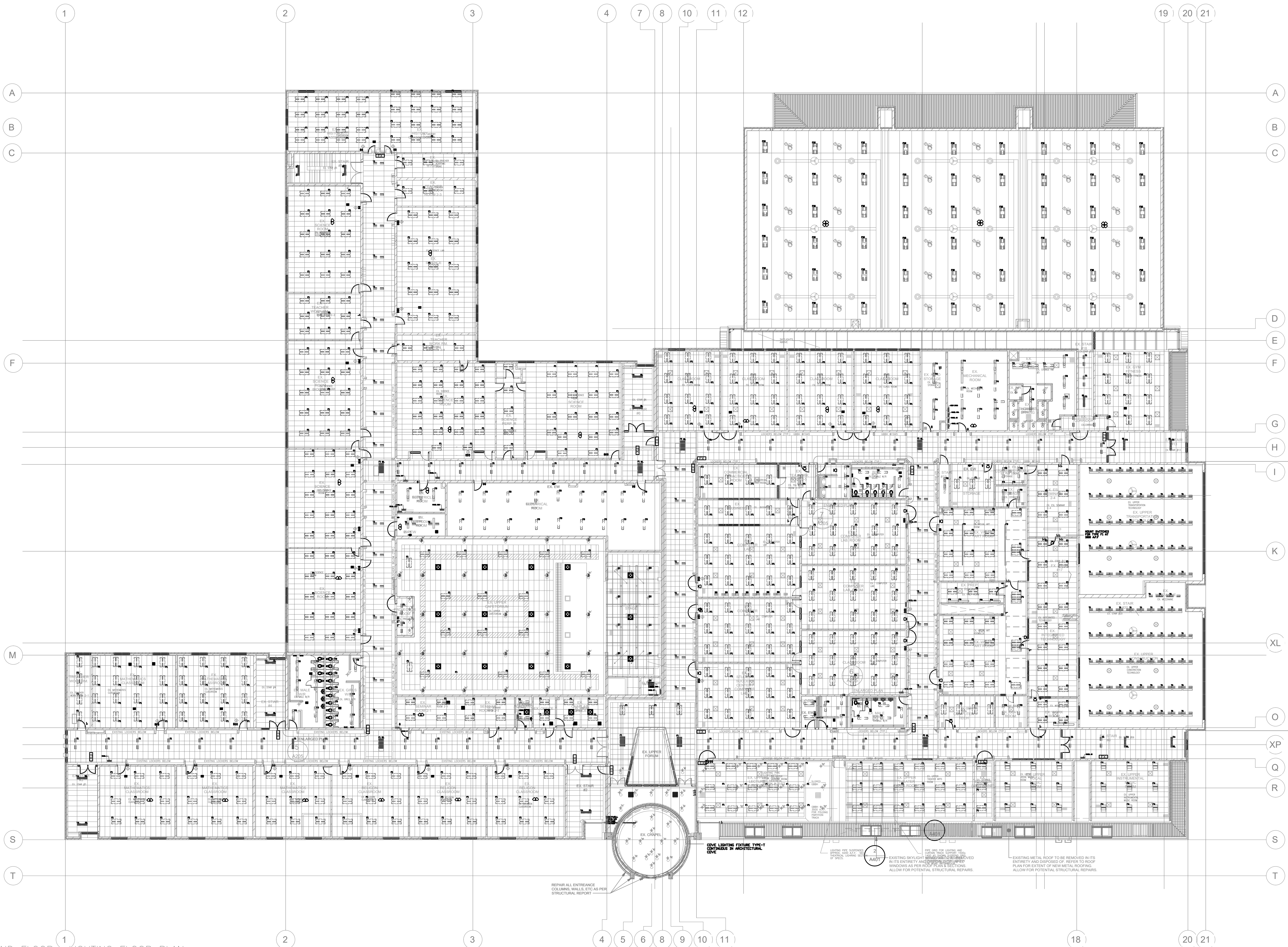
DWG TITLE :

DEMOLITION PLAN- FIRST FLOOR- LIGHTING LAYOUT



DATE :	2026
SCALE :	AS SHOWN
DRAWN BY :	SY
CHECKED BY :	MA
DWG STATUS :	PERMIT & TENDER
PROJECT No. :	2026-513
DRAWING No. :	E2.0
REVISION	

1 SECOND FLOOR--LIGHTING FLOOR PLAN
E2.1 SCALE 1:25



- DEMOLITION NOTES:**
1. ALL EXISTING DEVICES AND EQUIPMENT MAY NOT BE SHOWN ON DRAWINGS. ELECTRICAL CONTRACTOR TO VERIFY QUANTITIES PRIOR TO SUBMITTING PRICING.
 2. DISCONNECT ALL WIRING TO LIGHTING FIXTURES BEING DEMOLISHED BACK TO SOURCE.
 3. ELECTRICAL CONTRACTOR TO DISCONNECT AND REMOVE ALL LIGHTING FIXTURES, SWITCHES & CONTROL DEVICES IN THE AREAS AS SHOWN.
 4. DISCONNECT ALL WIRING TO LIGHTING FIXTURES BEING DEMOLISHED BACK TO SOURCE.
 5. MARK CIRCUITS FOR RE-ALLOCATING TO NEW CIRCUITS IN THE NEW LED LIGHTING DESIGN.
 6. ELECTRICAL CONTRACTOR SHALL CAREFULLY REMOVE THE EXISTING LIGHTING FIXTURES WITHOUT DISTURBING THE EXISTING LIFE SAFETY DEVICES IN THE EXISTING CEILING. IF BY MISTAKE EXISTING LIFE SAFETY DEVICES ARE DAMAGED, THEN CONTRACTOR TO REPLACE AND ALLOW FOR VERIFICATION OF THE SAME.
 7. ELECTRICAL CONTRACTOR TO REMOVE EXISTING DIM DOWNLIGHT TYPE R2. REMOVE WIRING AND CONDUIT BACK TO SOURCE.
 8. DELETE SWITCHES AND PROVIDE AND INSTALL STAINLESS STEEL COVER PLATES.
 9. CONTRACTOR TO ALLOW FOR REMOVING THE EXISTING FIRE RATED COVERS ON THE EXISTING FIXTURES AND DISPOSE OFF SITE.
 10. ELECTRICAL CONTRACTOR TO ALLOW FOR REMOVING THE EXISTING OCCUPANCY SENSORS/CONTROLS AND DISPOSE OFF SITE.
- CUTTING, PATCHING AND PAINTING, ETC. AS:**
1. CUTTING AND PATCHING OF THE DRYWALL BY THE GC IS INCLUDED IN THE SCOPE OF WORK. GC TO CAREFULLY COMPLETE ALL THE LIGHTING FLOOR PLAN TO ALLOW FOR COMPLETE CUTTING, PATCHING AND PAINTING WORK. FOR THE LIGHTING RETROFIT SCOPE.
 2. GENERAL CONTRACTOR TO PATCH UP THE PAINT OF THE (SUBSTITUTES) WHERE THE LIGHTING FIXTURE IS REMOVED TO MATCH THE EXISTING COLOR.
 3. WHEN RE-PAINTING EXISTING (1X6) LIGHTING FIXTURES RECESSED IN THE T-BANK CEILING WITH (2X6) NEW LIGHTING FIXTURE, CONTRACTOR TO ALLOW FOR REMOVING PART OF THE DROP CEILING GRID.

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ISSUE OR REVISION

No.	Description	Date
1	ISSUED FOR BUILDING PERMIT & TENDER	APR 01, 2026

PROJECT :
ST. DAVID CATHOLIC SECONDARY SCHOOL
4 HIGH ST., WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROFESSIONAL SEAL :

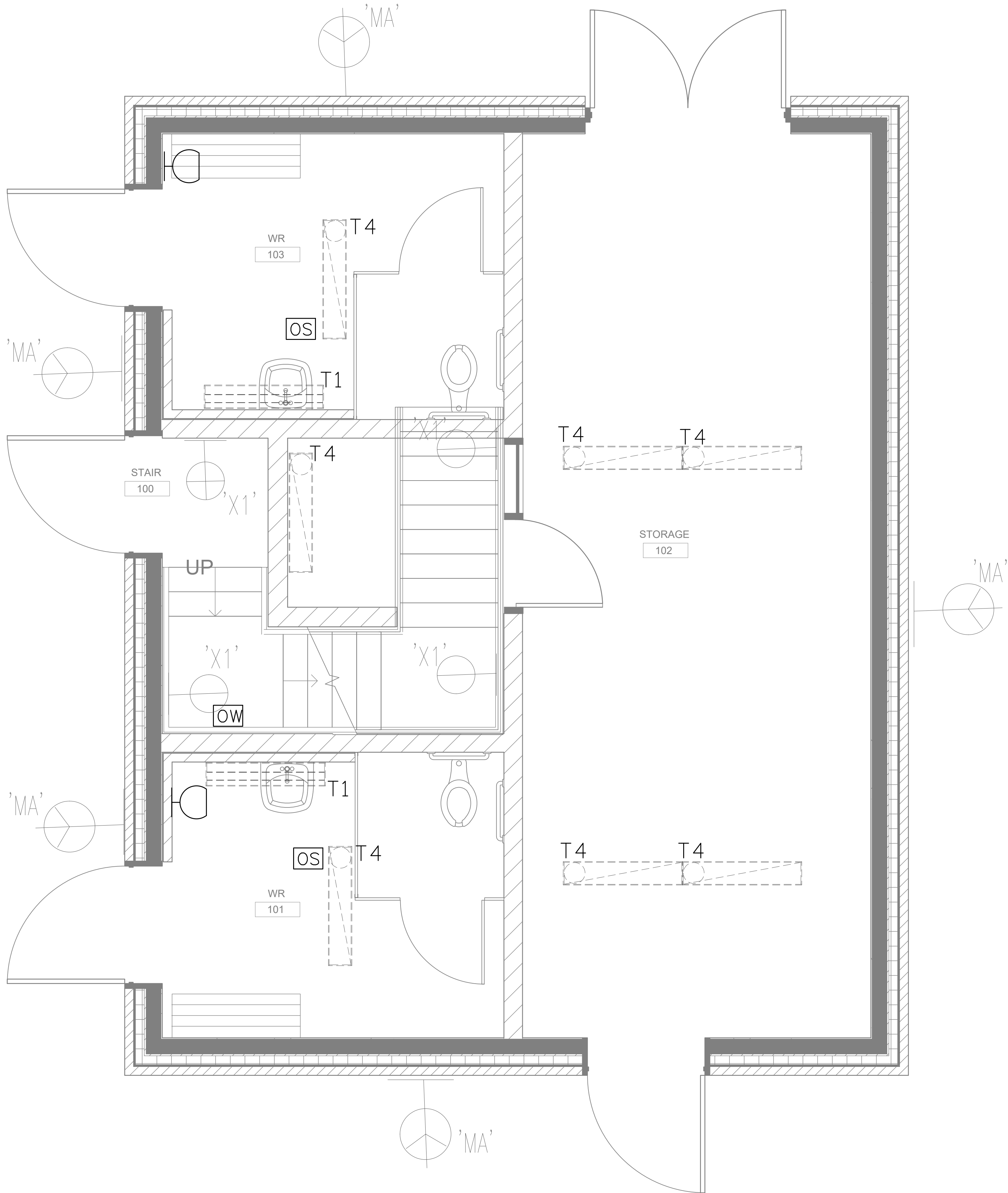


DWG TITLE :
DEMOLITION PLAN- SECOND FLOOR- LIGHTING LAYOUT



REGAL CONSULTING ENGINEERS INC.
CONSULTING MECHANICAL & ELECTRICAL ENGINEERS
208 WYECROFT ROAD, SUIT 200 OAKVILLE, ON L6K 3S3
PHONE: (905) 844-3913
www.regal-eng.com

DATE :	2026
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DWG STATUS :	PERMIT & TENDER
PROJECT No. :	2026-513
DRAWING No. :	E2.1
REVISION	



1 FIRST FLOOR- FIELD LIGHTING FLOOR PLAN
E2.2 SCALE 1:25

DEMOLITION NOTES:

1. ALL EXISTING DEVICES AND EQUIPMENT MAY NOT BE SHOWN ON DRAWINGS. ELECTRICAL CONTRACTOR TO VERIFY QUANTITIES PRIOR TO SUBMITTING PRICING.
2. ELECTRICAL CONTRACTOR SHOULD CHECK, VERIFY ALL LIGHTING FIXTURE IN FIELD HOUSE WITH EXISTING VOLTAGE.
3. ELECTRICAL CONTRACTOR TO DISCONNECT AND REMOVED ALL LIGHTING FIXTURES, SWITCHES & CONTROL DEVICES IN THE AREAS AS SHOWN.
4. DISCONNECT ALL WIRING TO LIGHTING FIXTURES BEING DEMOLISHED BACK TO SOURCE IN PANEL.
5. MARK CIRCUITS FOR RE-ALLOCATING TO NEW CIRCUITS IN THE NEW LED LIGHTING DESIGN.
6. ELECTRICAL CONTRACTOR SHALL CAREFULLY REMOVE THE EXISTING LIGHTING FIXTURES WITHOUT DISTURBING THE EXISTING LIFE SAFETY DEVICES IN THE EXISTING CEILING. IF BY MISTAKE EXISTING LIFE SAFETY DEVICES ARE DAMAGED, THEN CONTRACTOR TO REPLACE AND ALLOW FOR VERIFICATION OF THE SAME.
7. ELECTRICAL CONTRACTOR TO ALLOW FOR REMOVING THE EXISTING OCCUPANCY SENSORS/CONTROLS AN

CUTTING, PATCHING AND PAINTING BY GC

8. CUTTING AND PATCHING OF THE DRYWALL BY THE GC IS INCLUDED IN THE SCOPE OF WORK. GC TO CAREFULLY EXAMINE ALL THE LIGHTING FLOOR PLAN TO ALLOW FOR COMPLETE CUTTING PATCHING AND PAINTING WORK. FOR THE LIGHTING RETROFIT SCOPE .

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PROJECT : ST. DAVID CATHOLIC SECONDARY SCHOOL

4 HIGH ST, WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROFESSIONAL SEAL :



DWG TITLE :

DEMOLITION PLAN- FIELD HOUSE
FIRST FLOOR- LIGHTING LAYOUT



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DATE : 2026

SCALE : AS SHOWN

DRAWN BY: SY

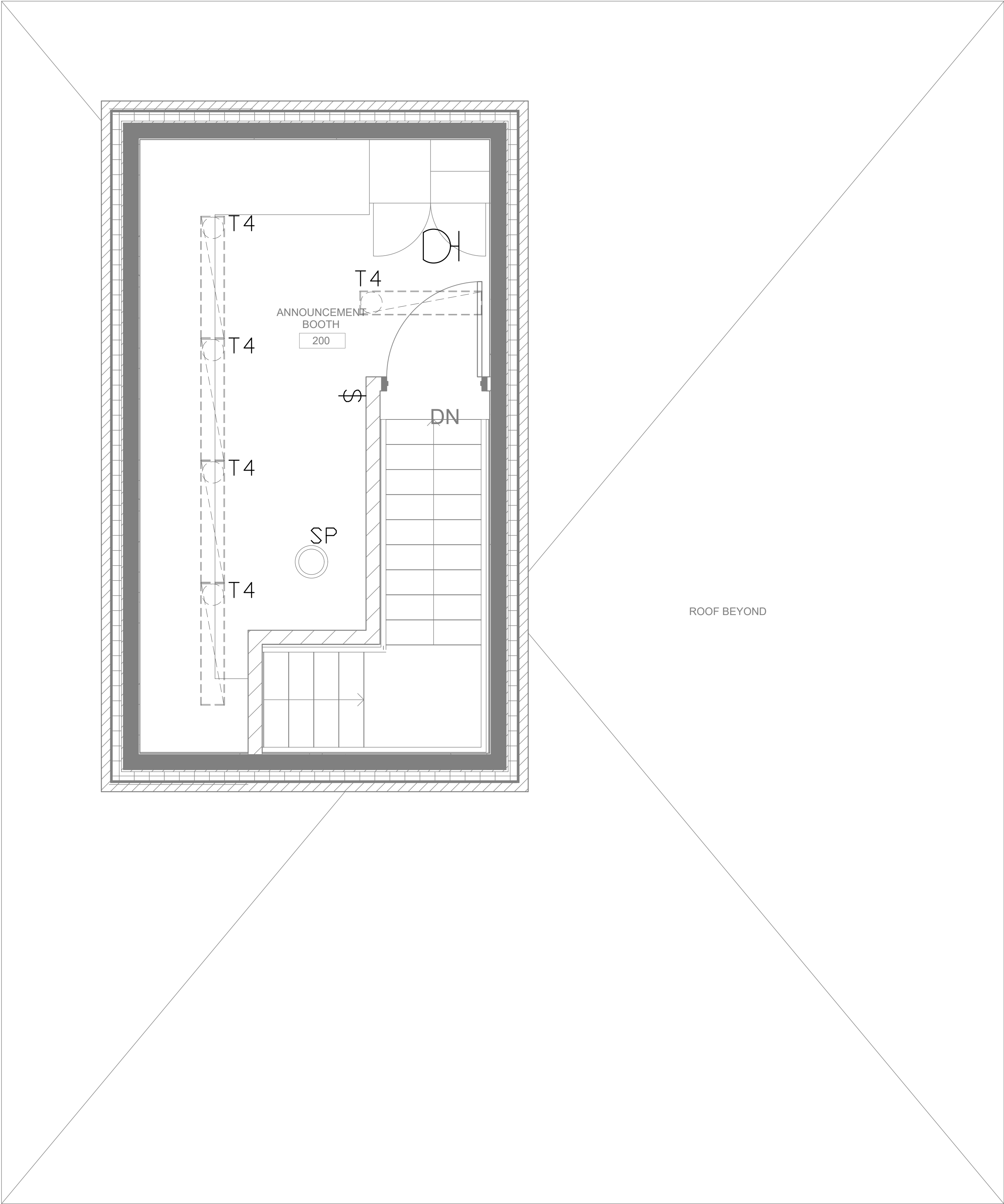
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DWG STATUS :
PERMIT & TENDER

PROJECT No. :
2026-513

DRAWING No. :
E2.2

REVISION



DEMOLITION NOTES:

1. ALL EXISTING DEVICES AND EQUIPMENT MAY NOT BE SHOWN ON DRAWINGS. ELECTRICAL CONTRACTOR TO VERIFY QUANTITIES PRIOR TO SUBMITTING PRICING.
2. ELECTRICAL CONTRACTOR SHOULD CHECK, VERIFY ALL LIGHTING FIXTURE IN FIELD HOUSE WITH EXISTING VOLTAGE.
3. ELECTRICAL CONTRACTOR TO DISCONNECT AND REMOVED ALL LIGHTING FIXTURES, SWITCHES & CONTROL DEVICES IN THE AREAS AS SHOWN.
4. DISCONNECT ALL WIRING TO LIGHTING FIXTURES BEING DEMOLISHED BACK TO SOURCE IN PANEL.
5. MARK CIRCUITS FOR RE-ALLOCATING TO NEW CIRCUITS IN THE NEW LED LIGHTING DESIGN.
6. ELECTRICAL CONTRACTOR SHALL CAREFULLY REMOVE THE EXISTING LIGHTING FIXTURES WITHOUT DISTURBING THE EXISTING LIFE SAFETY DEVICES IN THE EXISTING CEILING. IF BY MISTAKE EXISTING LIFE SAFETY DEVICES ARE DAMAGED, THEN CONTRACTOR TO REPLACE AND ALLOW FOR VERIFICATION OF THE SAME.
7. ELECTRICAL CONTRACTOR TO ALLOW FOR REMOVING THE EXISTING OCCUPANCY SENSORS/CONTROLS AN

CUTTING, PATCHING AND PAINTING BY GC

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4 HIGH ST, WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROFESSIONAL SEAL :



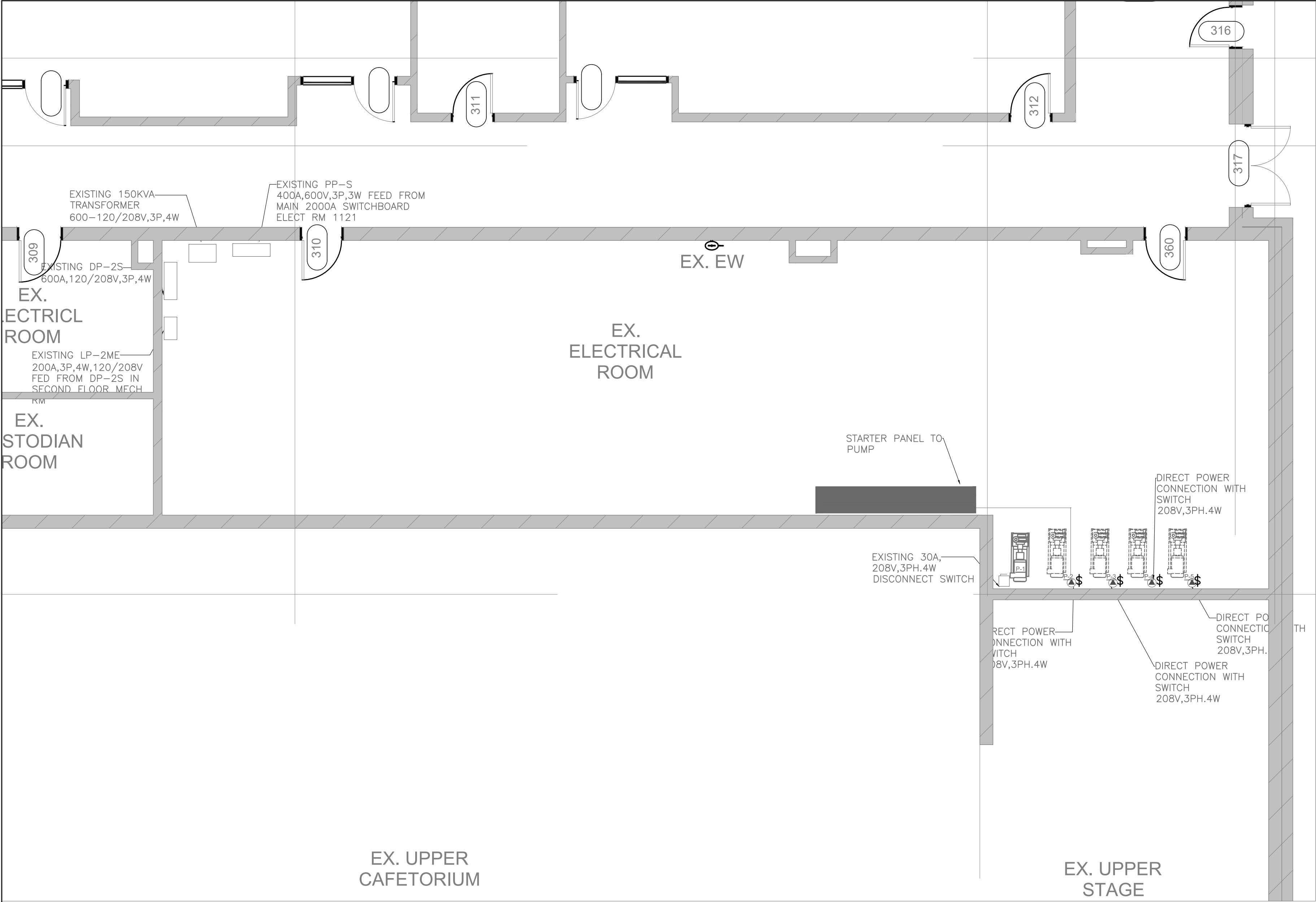
DWG TITLE :

DEMOLITION PLAN- FIELD HOUSE
SECOND FLOOR- LIGHTING LAYOUT



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DRAWING No. :	E2.3
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DEMOLITION NOTES:

1. ELECTRICAL CONTRACTOR TO SHALL DISCONNECT POWER AND CONTROL CABLE TO PUMP 2,3,4,5 WHICH IS BEING REMOVE AND REPLACE.
2. ELECTRICAL CONTRACTOR REMOVE ALL CONDUIT AND CABLE WHICH FEEDING TO PUMP 2,3,4,5 , MARK THE CIRCUIT AS SPARE CIRCUIT ON THE EXISTING PANEL AFTER DEMOLISHING. REMOVE ALL CONDUIT AND CABLE DISPOSE OFFSITE.
3. ELECTRICAL CONTRACTOR TO VERIFY THE EXACT LOCATION OF PUMP BEFORE DEMOLITION.
4. ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL FOR ALL RELATED ELECTRICAL WORK.

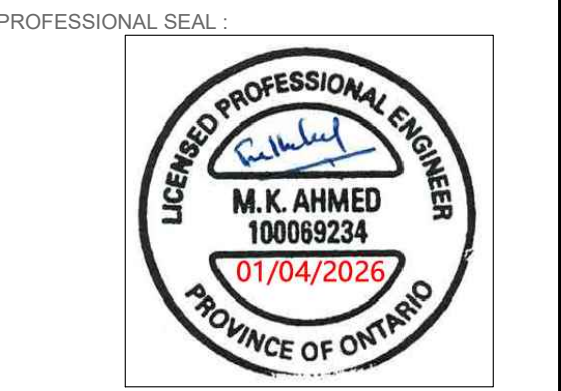


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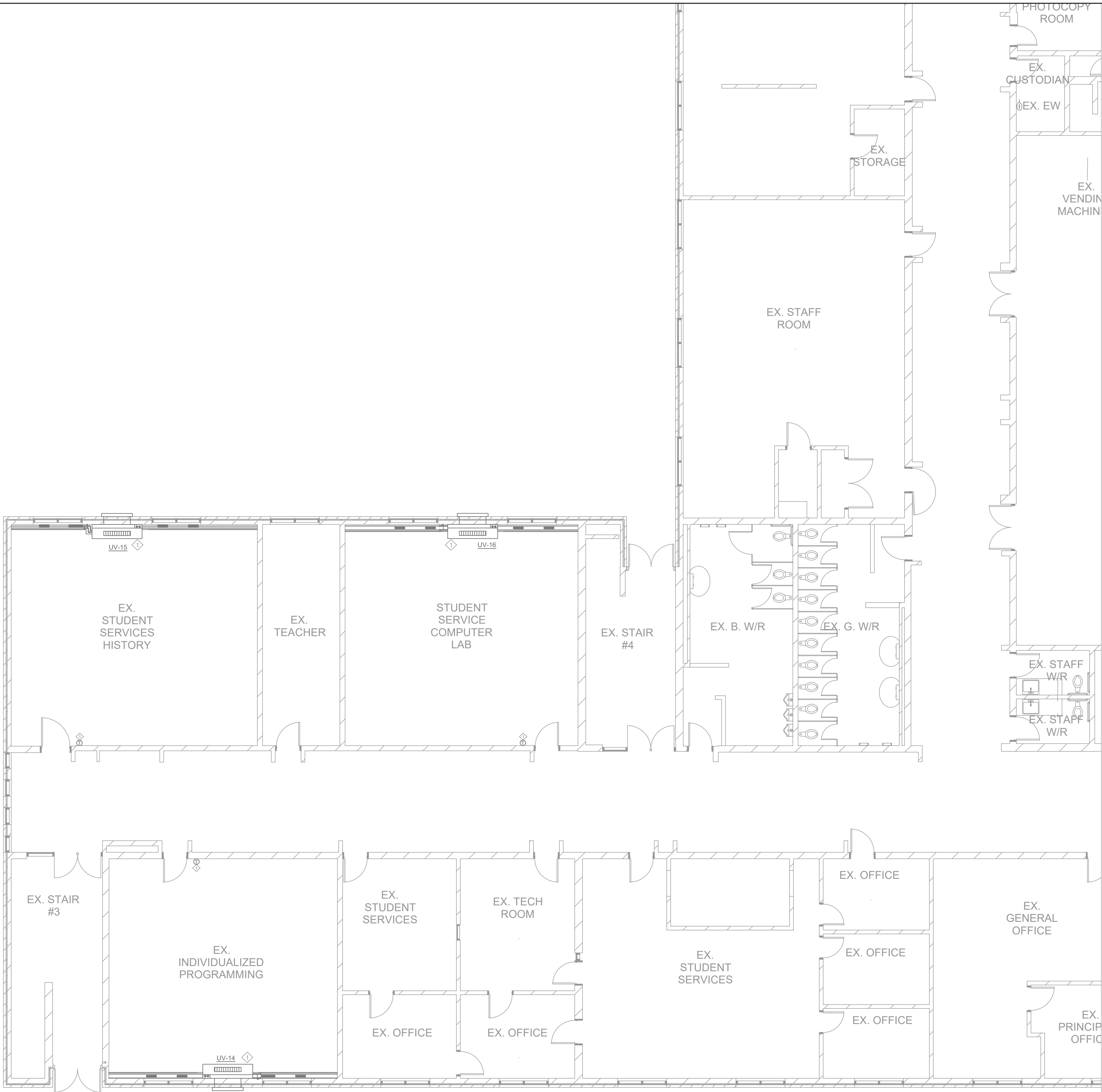
PROJECT :
ST. DAVID CATHOLIC SECONDARY SCHOOL
4 HIGH ST, WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD



DWG TITLE :
DEMOLITION PLAN- SECOND FLOOR- BOILER ROOM REPLACEMENT ZONE PUMP POWER



DATE :	2026
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DWG STATUS :	PERMIT & TENDER
PROJECT No. :	2026-513
DRAWING No. :	E3.0.
REVISION	



DEMO NOTES:

1. ELECTRICAL CONTRACTOR TO DISCONNECT POWER SUPPLY, REMOVE ALL INTERLOCK WIRING AND CONTROLS CABLE FROM EXISTING UNIT VENTILATOR (UV) THAT ARE BEING REMOVE AND REPLACE. REMOVE ALL WIRING, CONDUITS, DISCONNECTS BACK TO THE SOURCE FROM PANEL. MARK CIRCUITS AS SPARE .
2. EXISTING DISCONNECTS SWITCH, WIRING AND CONTROL CABLE FOR UNIT VENTILATOR SHALL BE DISPOSED OF SITE.
3. ELECTRICAL CONTRACTOR TO CO-ORDINATE WITH MECHANICAL TRADES FOR ALL RELATED ELECTRICAL WORK.

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ST. DAVID CATHOLIC SECONDARY SCHOOL

4 HIGH ST, WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROJECT :



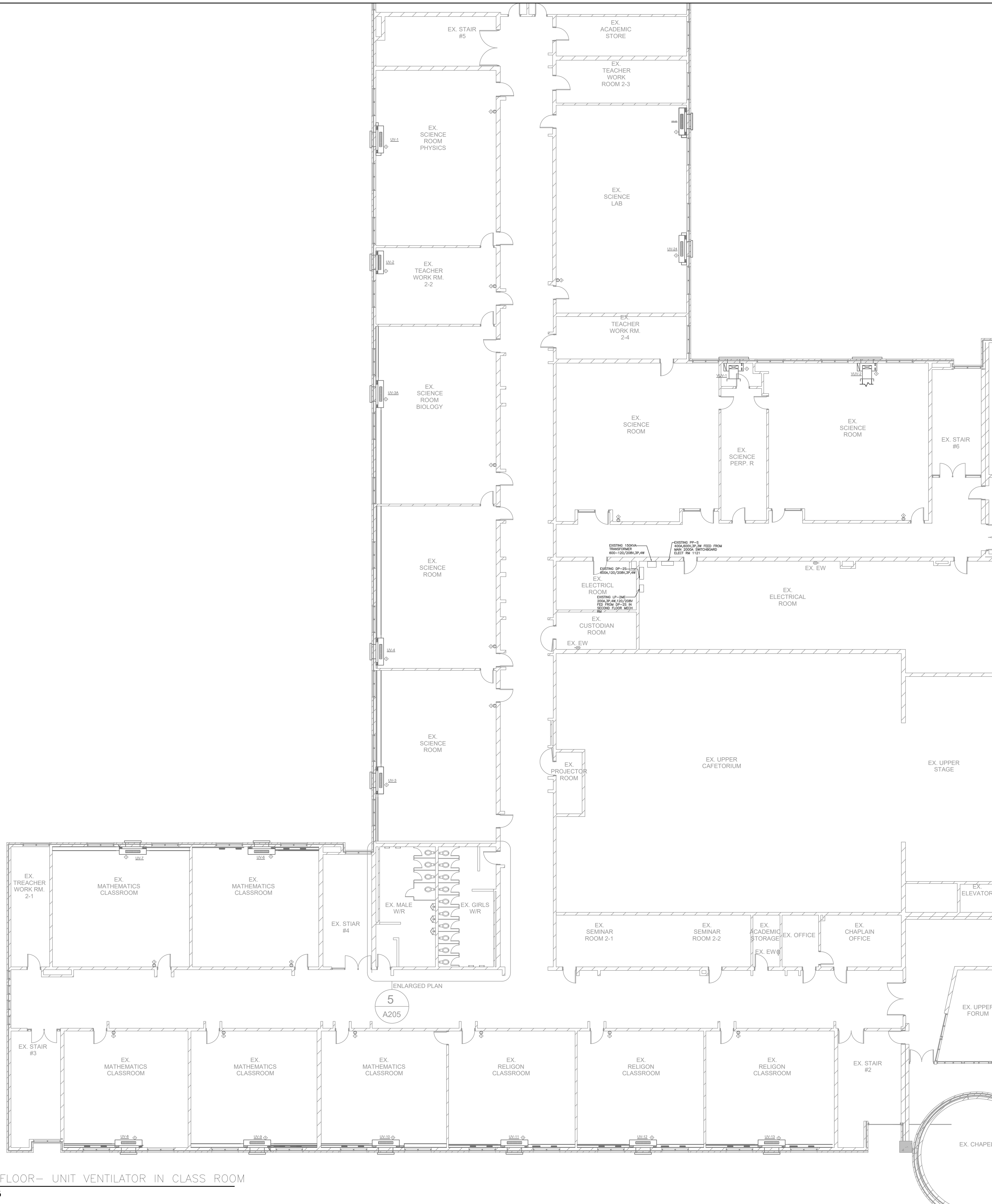
DWG TITLE :

DEMOLITION PLAN- FIRST FLOOR- UNIT VENTILATOR POWER LAYOUT



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DRAWING No. :	E3.1
REVISION	

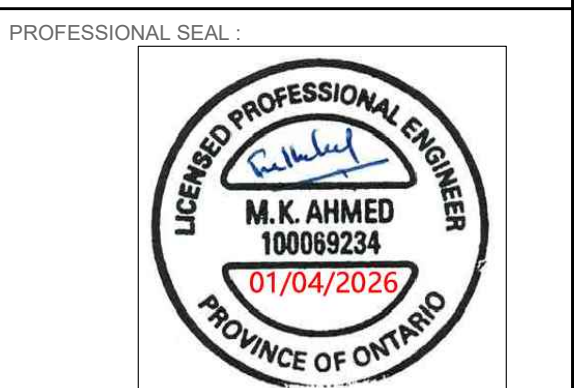


- DEMO NOTES:**
1. ELECTRICAL CONTRACTOR TO DISCONNECT POWER SUPPLY, REMOVE ALL INTERLOCK WIRING AND CONTROLS CABLE FROM EXISTING UNIT VENTILATOR (UV) THAT ARE BEING REMOVE AND REPLACE. REMOVE ALL WIRING, CONDUITS, DISCONNECTS BACK TO THE SOURCE FROM PANEL. MARK CIRCUITS AS SPARE .
 2. EXISTING DISCONNECTS SWITCH, WIRING AND CONTROL CABLE FOR UNIT VENTILATOR SHALL BE DISPOSED OF SITE.
 3. ELECTRICAL CONTRACTOR TO CO-ORDINATE WITH MECHANICAL TRADES FOR ALL RELATED ELECTRICAL WORK.

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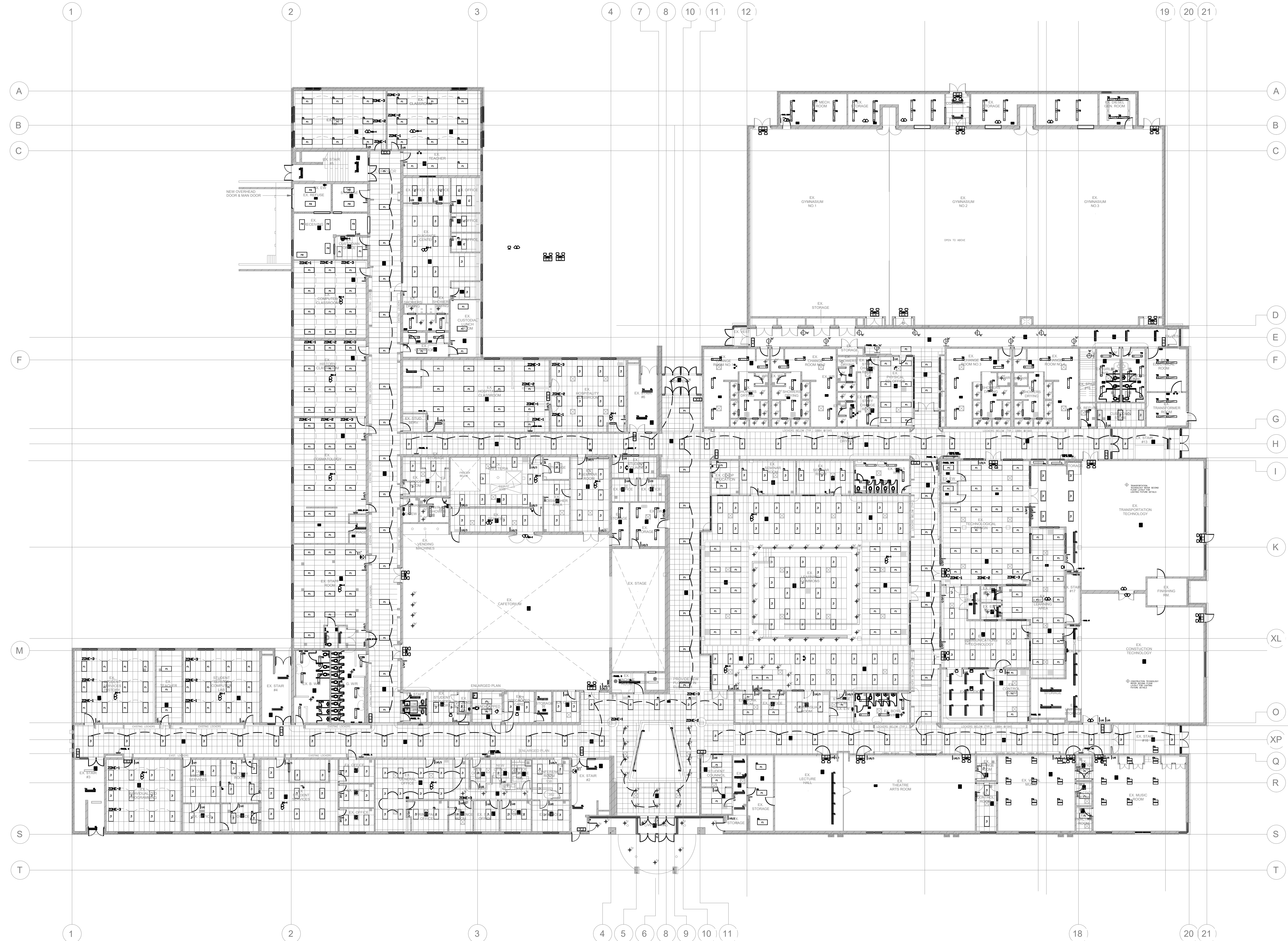
PROJECT :
ST. DAVID CATHOLIC SECONDARY SCHOOL
4 HIGH ST, WATERLOO, ON N2L 3X5
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DWG TITLE :
DEMOLITION PLAN- SECOND FLOOR- UNIT VENTILATOR POWER LAYOUT



DATE :	2026
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PROJECT No. :	2026-513
DRAWING No. :	E3.2
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- NOTES:**
1. RE-UTILIZE EXISTING LIGHTING CIRCUITS UNLESS NOTED OTHERWISE. ELECTRICAL CONTRACTOR TO VERIFY CAPACITY OF EXISTING LIGHTING CIRCUIT PRIOR TO INSTALLATION.
 2. OFF DELAY TIME OF OCCUPANCY SENSORS TO BE THIRTY MINUTES.
 3. OCCUPANCY SENSORS TO BE DUAL TECHNOLOGY PIR AND ULTRASONIC TYPE. ACCEPTABLE MANUFACTURERS: WATTS/STROM, ACUTY AND ULTRON.
 4. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL EMERGENCY LIGHT (D, G HEAD) AS SHOWN IN LAYOUT AND EXIT SIGN SHALL BE AS APPROVED BY FIRE AND SAFETY CODE AND CBC CODE.
 5. ELECTRICAL CONTRACTOR TO CO-ORDINATE WITH GC FOR THE SUPPLY AND INSTALLATION OF CEILING TILES IN PLACE WHERE THE LIGHTING FIXTURES ARE REMOVED. GC TO ALLOW FOR PROVIDING ACOUSTIC CEILING TILES AS REQUIRED. ACCEPTABLE ACOUSTIC CEILING TILE NO ALTERNATE ALLOWED.
 6. CONTRACTOR TO ALLOW FOR SCISSOR LIFT OR ANY OTHER APPLICABLE LIFT TO WORK AT THE FIXTURE AT HIGHER ELEVATIONS. ELECTRICIANS WORKING AT HEIGHT TO BE CERTIFIED "WORKING AT HEIGHTS" AND TO HAVE ALL THE APPROVED EQUIPMENT.
 7. ELECTRICAL CONTRACTOR TO ALLOW FOR DISCONNECTING THE OLD FIXTURE AND CONNECT THE NEW LIGHTING FIXTURE WITH EXISTING CIRCUIT AND SWITCH.
 8. ZONE-1: BE THE FIRST ROW PARALLEL TO THE WHITE BOARD IN ALL ROOMS WITH WHITE BOARDS.
 9. IDENTIFY THE CIRCUITS FEEDING PANEL AND PROVIDE NEW LABELS FOR CIRCUITS.
 10. OCCUPANCY SENSORS IN GYM AND WORKSHOPS TO COME WITH WIRE GUARDS.
 11. ELECTRICAL CONTRACTOR TO INSTALL LIGHTING CONTROLLER RELAYS ETC. FOR THE NEW LIGHTING FIXTURES OF THE GYM IN THE CEILING SPACE OF THE STORAGE ROOM AS SHOWN ON THE FLOOR PLAN.
 12. CONTRACTOR TO RELOCATE EXISTING CEILING TILES WITH SECURITY MOTION SENSORS IN ORDER TO INSTALL PROPOSED LIGHTING FIXTURES.
 13. FOR THE INSTALLATION OF GANTRY AND WALL PACK LIGHTING FIXTURES CONTRACTOR SHALL REMOVE EXISTING FIXTURE (MAKE NEW OPENING IF REQUIRED). PROVIDE AND INSTALL GOOP TRIM PLATE TO COVER THE OPENING OF THE EXISTING HOLE. INSTALL NEW GANTRY FIXTURE ON THE NEW STAINLESS STEEL COVER.
 14. CONTRACTOR TO REMOVE EXISTING FIXTURES FROM THE DRY WALL CEILING AND ALSO TO REMOVE THE EXISTING FIXTURE DRY WALL FRAME. GC TO ALLOW FOR PATCHING THE EXISTING DRYWALL CEILING. ONCE THE DRY WALL CEILING IS DRY CUT A NEW OPENING IN THE DRYWALL CEILING. INSTALL THE NEW LIGHTING FIXTURE WITH THE NEW DRY WALL FRAME THAT COMES WITH THE NEW LIGHTING FIXTURE. GC TO ALLOW FOR ALL CUTTING, PATCHING AND PAINTING OF DRYWALL CEILING. ALL CUTTING, REPAIRING AND PATCHING OF THE DRYWALL AND PAINTING OF THE DRYWALL CEILING TO MATCH THE EXISTING IS REQUIRED FOR NEW LED FIXTURES IN DRYWALL CEILING.
 15. AS ELECTRICAL POWER AND LOW VOLTAGE CABLE FOR THE NEW LED LIGHTING SWITCHES CANNOT BE RUN IN THE SAME EXISTING ELECTRICAL CONDUIT THE ELECTRICAL CONTRACTOR SHALL ALLOW TO PROVIDE AND INSTALL WIRE MOLD FOR THE NEW LOW VOLTAGE SWITCHES.
 16. ELECTRICAL CONTRACTOR TO ALLOW FOR CONNECTING THE NEW LIGHTING FIXTURES TO EXISTING CIRCUIT WITH ALL REQUIRED LIGHTING CONTROLLER RELAYS ETC.
- CUTTING, PATCHING AND PAINTING BY GC**
1. CUTTING AND PATCHING OF THE DRYWALL BY THE GC IS INCLUDED IN THE SCOPE OF WORK. GC TO GENERALLY EXAMINE ALL THE LIGHTING FLOOR PLAN TO ALLOW FOR COMPLETE CUTTING, PATCHING AND PAINTING WORK FOR THE LIGHTING RETROFIT SCOPE.

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No.	Description	Date
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PROJECT :
ST. DAVID CATHOLIC SECONDARY SCHOOL
4 HIGH ST., WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROFESSIONAL SEAL :



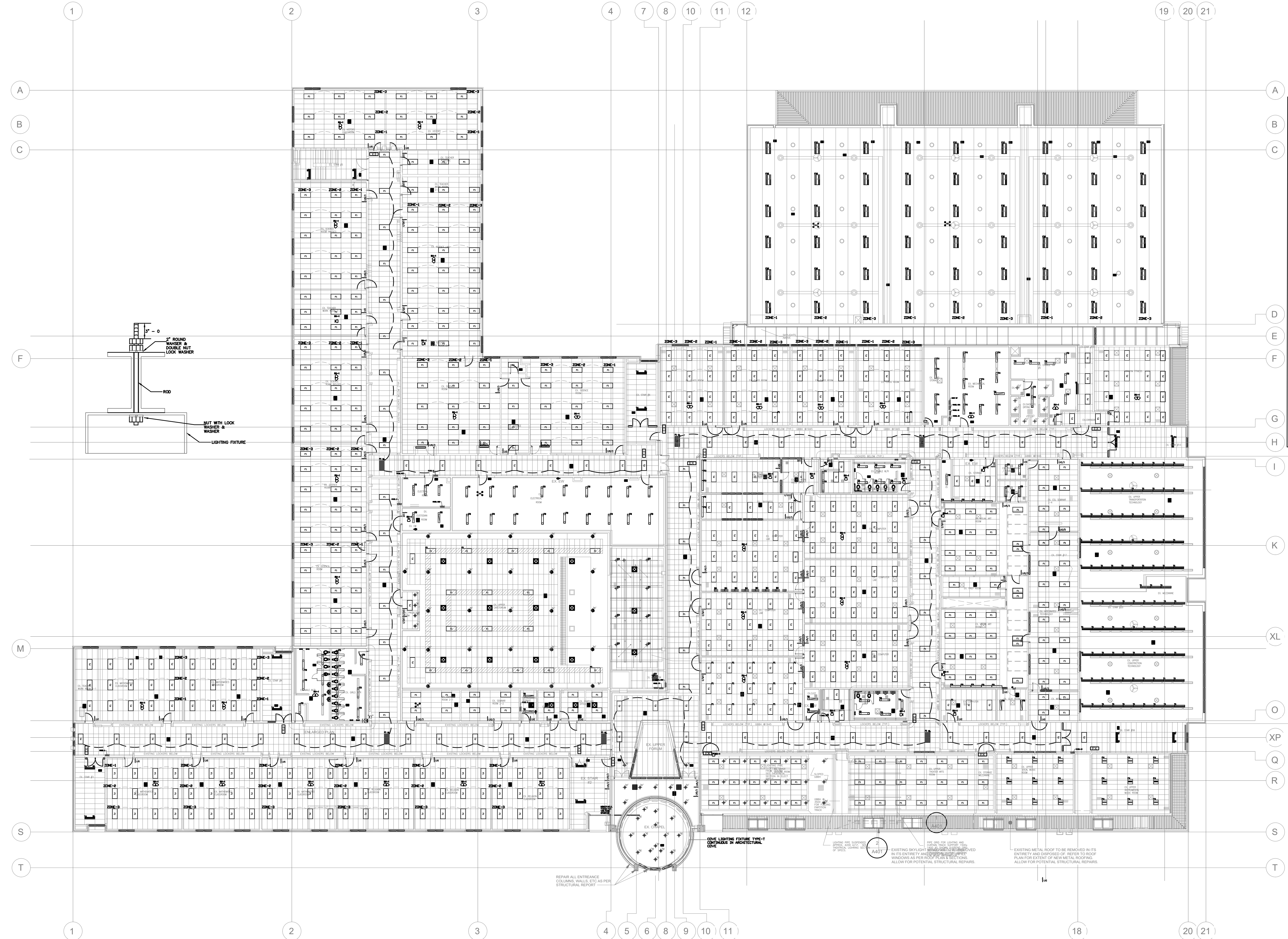
DWG TITLE :

PROPOSED PLAN- FIRST FLOOR- LIGHTING LAYOUT



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PROJECT No. :	2026-513
DRAWING No. :	E4.0
REVISION	



1 SECOND FLOOR- PROPOSED LIGHTING FLOOR PLAN
F4.1 SCALE 1:25

- NOTES**
1. RE-UTILIZE EXISTING LIGHTING CIRCUITS UNLESS NOTED OTHERWISE. ELECTRICAL CONTRACTOR TO VERIFY CAPACITY OF EXISTING LIGHTING CIRCUIT PRIOR TO INSTALLATION.
 2. IF DELAY TIME OF OCCUPANCY SENSORS TO BE THIRTY MINUTES.
 3. OCCUPANCY SENSORS TO BE DUAL TECHNOLOGY PIR AND ULTRASONIC TYPE, ACCEPTABLE MANUFACTURERS: HANTER, ACUTY AND ULTRA.
 4. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL EMERGENCY LIGHT (E) CHASED AS SHOWN IN LAYOUT AND EXIT SIGN SHALL BE NEW MAN RUN SIGN AS APPROVED BY FIRE AND SAFETY CODE AND CBC CODE.
 5. ELECTRICAL CONTRACTOR TO CO-ORDINATE WITH GC FOR THE SUPPLY AND INSTALLATION OF CEILING TILES IN PLACE WHERE THE LIGHTING FIXTURES ARE REMOVED. GC TO ALLOW FOR PROVIDING ACOUSTIC CEILING TILES AS REQUIRED. ACCEPTABLE ACOUSTIC CEILING TILE: NO ALTERNATE ALLOWED.
 6. CONTRACTOR TO ALLOW FOR SCISSOR LIFT OR ANY OTHER APPROPRIATE LIFT TO WORK AT THE FUTURE AT HIGHER ELEVATIONS. ELECTRICIANS WORKING AT HEIGHT TO BE CERTIFIED WORKING AT HEIGHT AND TO HAVE ALL THE APPROVED EQUIPMENT.
 7. ELECTRICAL CONTRACTOR TO ALLOW FOR BUILDING OF RAMP ETC IN ORDER TO BRING THE POWER LIFT ETC INSIDE THE SCHOOL PREMISES. NO EXTRA WILL BE ENTERAINED FOR TEMPORARY RAMP THAT MAY BE REQUIRED TO BRING HEAVY LIFT EQUIPMENT.
 8. ELECTRICAL CONTRACTOR TO ALLOW FOR DISCONNECTING THE OLD FUTURE AND CONNECT THE NEW LIGHTING FUTURE WITH EXISTING CIRCUIT AND SWITCH.
 9. ZONE 1: BE THE FIRST ROW PARALLEL TO THE WHITE BOARD IN ALL ROOMS WITH WHITE BOARDS.
 10. IDENTIFY THE CIRCUIT'S FEEDING PANEL AND PROVIDE NEW LABELS FOR CIRCUITS.
 11. OCCUPANCY SENSORS IN GYM AND WORKSHOPS TO COME WITH WIRE GUARDS.
 12. ELECTRICAL CONTRACTOR TO INSTALL LIGHTING CONTROLLER RELAYS ETC. FOR THE NEW LIGHTING FIXTURES OF THE GYM IN THE CEILING SPACE OF THE STORAGE ROOM.
 13. CONTRACTOR TO RELOCATE EXISTING CEILING TILES WITH SECURITY MOTION SENSORS IN ORDER TO INSTALL PROPOSED LIGHTING FIXTURES.
 14. FOR THE INSTALLATION OF CANOPY AND WALL PACK LIGHTING FIXTURES CONTRACTOR SHALL REMOVE EXISTING FUTURE FRAME NEW OPENING IF REQUIRED. PROVIDE AND INSTALL GOOF TRAY PLATE TO COVER THE OPENING OF THE EXISTING HOLE. INSTALL NEW CANOPY FUTURE ON THE NEW STAINLESS STEEL COVER.
 15. CONTRACTOR TO REMOVE EXISTING FIXTURES FROM THE DRY WALL CEILING AND ALSO TO REMOVE THE EXISTING FUTURE DRY WALL FRAME. GC TO ALLOW FOR PATCHING THE EXISTING DRY WALL CEILING. ONCE THE DRY WALL CEILING IS DRY, CUT A NEW OPENING IN THE DRY WALL CEILING. INSTALL THE NEW LIGHTING FUTURE WITH THE NEW DRY WALL FRAME THAT COMES WITH THE NEW LIGHTING FUTURE. GC TO ALLOW FOR ALL CUTTING, PATCHING AND PAINTING OF DRY WALL CEILING. ALL CUTTING, REPAIRING AND PATCHING OF THE DRY WALL AND PAINTING OF THE DRY WALL CEILING TO MATCH THE EXISTING IS REQUIRED FOR NEW LED FIXTURES IN DRY WALL CEILING.
 16. AS ELECTRICAL POWER AND LOW VOLTAGE CABLE FOR THE NEW LED LIGHTING SWITCHES CANNOT BE RUN IN THE SAME EXISTING ELECTRICAL CONDUIT, THE ELECTRICAL CONTRACTOR SHALL ALLOW TO PROVIDE AND INSTALL WIRE MOLD FOR THE NEW LOW VOLTAGE SWITCHES.
 17. ELECTRICAL CONTRACTOR TO ALLOW FOR CONNECTING THE NEW LIGHTING FIXTURES TO EXISTING CIRCUIT WITH ALL REQUIRED LIGHTING CONTROLLER RELAYS ETC.
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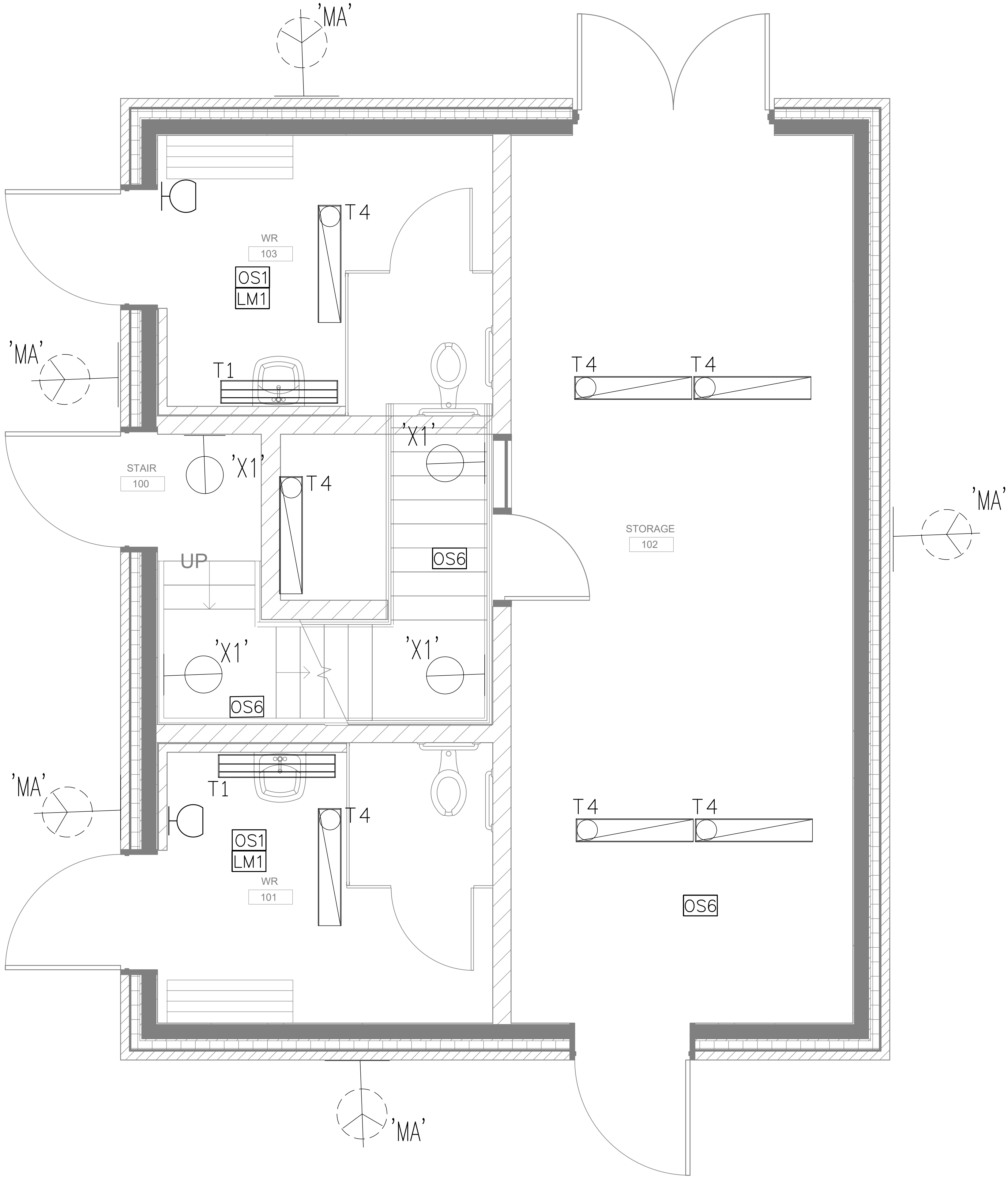
PROJECT :
ST. DAVID CATHOLIC SECONDARY SCHOOL
4 HIGH ST, WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD



DWG TITLE :
PROPOSED PLAN- SECOND FLOOR- LIGHTING LAYOUT



DATE :	2026
SCALE :	AS SHOWN
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DWG STATUS :	PERMIT & TENDER
PROJECT No. :	2026-513
DRAWING No. :	E4.1
REVISION	



1 FIRST FLOOR- PROPOSED FIELD HOUSE LIGHTING FLOOR PLAN
E4.2 SCALE 1:25

NOTES:

1. RE-UTILIZE EXISTING LIGHTING CIRCUITS UNLESS NOTED OTHERWISE. ELECTRICAL CONTRACTOR TO VERIFY CAPACITY OF EXISTING LIGHTING CIRCUIT PRIOR TO INSTALLATION.
2. OFF-DELAY TIME OF OCCUPANCY SENSORS TO BE THIRTY MINUTES.
3. OCCUPANCY SENSORS TO BE DUAL TECHNOLOGY PIR AND ULTRASONIC TYPE. ACCEPTABLE MANUFACTURER'S WATTSTOPPER, ACUITY AND LUTRON
4. CONTRACTOR TO ALLOW FOR SCISSOR LIFT OR ANY OTHER APPLICABLE LIFT TO WORK AT THE FIXTURE AT HIGHER ELEVATIONS. ELECTRICIANS WORKING AT HEIGHT TO BE CERTIFIED "WORKING AT HEIGHTS" AND TO HAVE ALL THE APPROVED EQUIPMENT. ELECTRICAL CONTRACTOR TO ALLOW FOR BUILDING OF RAMPS ETC IN ORDER TO BRING THE POWER LIFT ETC INSIDE THE SCHOOL PREMISES. NO EXTRA WILL BE ENTERTAINED FOR TEMPORARY RAMPS THAT MAY REQUIRED TO BRING HEAVY LIFT EQUIPMENT.
5. ELECTRICAL CONTRACTOR PROVIDE AND INSTALL NEW LED LIGHTING FIXTURE AS SHOWN.
6. IDENTIFY THE CIRCUITS FEEDING PANEL AND PROVIDE NEW LABELS FOR CIRCUITS.
7. FOR THE INSTALLATION OF CANOPY AND WALL PACK LIGHTING FIXTURES. CONTRACTOR SHALL REMOVE EXISTING FIXTURE (MAKE NEW OPENING IF REQUIRED). PROVIDE AND INSTALL GOOF TRAY/PLATE TO COVER THE OPENING OF THE EXISTING HOLE, INSTALL NEW CANOPY FIXTURE ON THE NEW STAINLESS STEEL COVER.
8. CONTRACTOR TO REMOVE EXISTING FIXTURES FROM THE DRY WALL CEILINGS AND ALSO TO REMOVE THE EXISTING FIXTURE DRY WALL FRAME, GC TO ALLOW FOR PATCHING THE EXISTING DRYWALL CEILING. ONCE THE DRY WALL CEILING IS DRY, CUT A NEW OPENING IN THE DRYWALL CEILING, INSTALL THE NEW LIGHTING FIXTURE WITH THE NEW DRY WALL FRAME THAT COMES WITH THE NEW LIGHTING FIXTURE. GC TO ALLOW FOR ALL CUTTING, PATCHING AND PAINTING OF DRYWALL CEILINGS. ALL CUTTING, REFRAMING AND PATCHING OF THE DRYWALL AND PAINTING OF THE DRYWALL CEILING TO MATCH THE EXISTING IS REQUIRED FOR NEW LED FIXTURES IN DRYWALL CEILING.
9. AS ELECTRICAL POWER AND LOW VOLTAGE CABLE FOR THE NEW LED LIGHTINGS SWITCHES CANNOT BE RUN IN THE SAME EXISTING ELECTRICAL CONDUIT, THE ELECTRICAL CONTRACTOR SHALL ALLOW TO PROVIDE AND INSTALL WIRE MOLD FOR THE NEW LOW VOLTAGE SWITCHES.
10. EXHAUST FAN SHALL INTERLOCK WITH THE LIGHTING FIXTURE, OCCUPANCY SENSOR SHALL CONTROL THE LIGHTING FIXTURE AD THE EXHAUST FAN.

CUTTING, PATCHING AND PAINTING BY GC

1. CUTTING AND PATCHING OF THE DRYWALL BY THE GC IS INCLUDED IN THE SCOPE OF WORK. GC TO CAREFULLY EXAMINE ALL THE LIGHTING FLOOR PLAN TO ALLOW FOR COMPLETE CUTTING PATCHING AND PAINTING WORK. FOR THE LIGHTING RETROFIT SCOPE .

The Contractor shall verify all dimensions prior to commencement of the work. All print and specifications are the property of the Architect and must be returned upon completion of the work.

ISSUE OR REVISION

No.	Description	Date
1	ISSUED FOR BUILDING PERMIT & TENDER	APR 01, 2026

PROJECT :
ST. DAVID CATHOLIC SECONDARY SCHOOL

4 HIGH ST, WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROFESSIONAL SEAL :



DWG TITLE :

PROPOSED PLAN- FIRST FLOOR-
FIELD HOUSE LIGHTING LAYOUT



REGAL CONSULTING ENGINEERS INC.
CONSULTING MECHANICAL & ELECTRICAL ENGINEERS
208 WYECROFT ROAD, SUIT 200 OAKVILLE, ON L6K 3S3
PHONE: (905) 844-3813
www.regal-eng.com

DATE : 2026

SCALE : AS SHOWN

DRAWN BY: SY

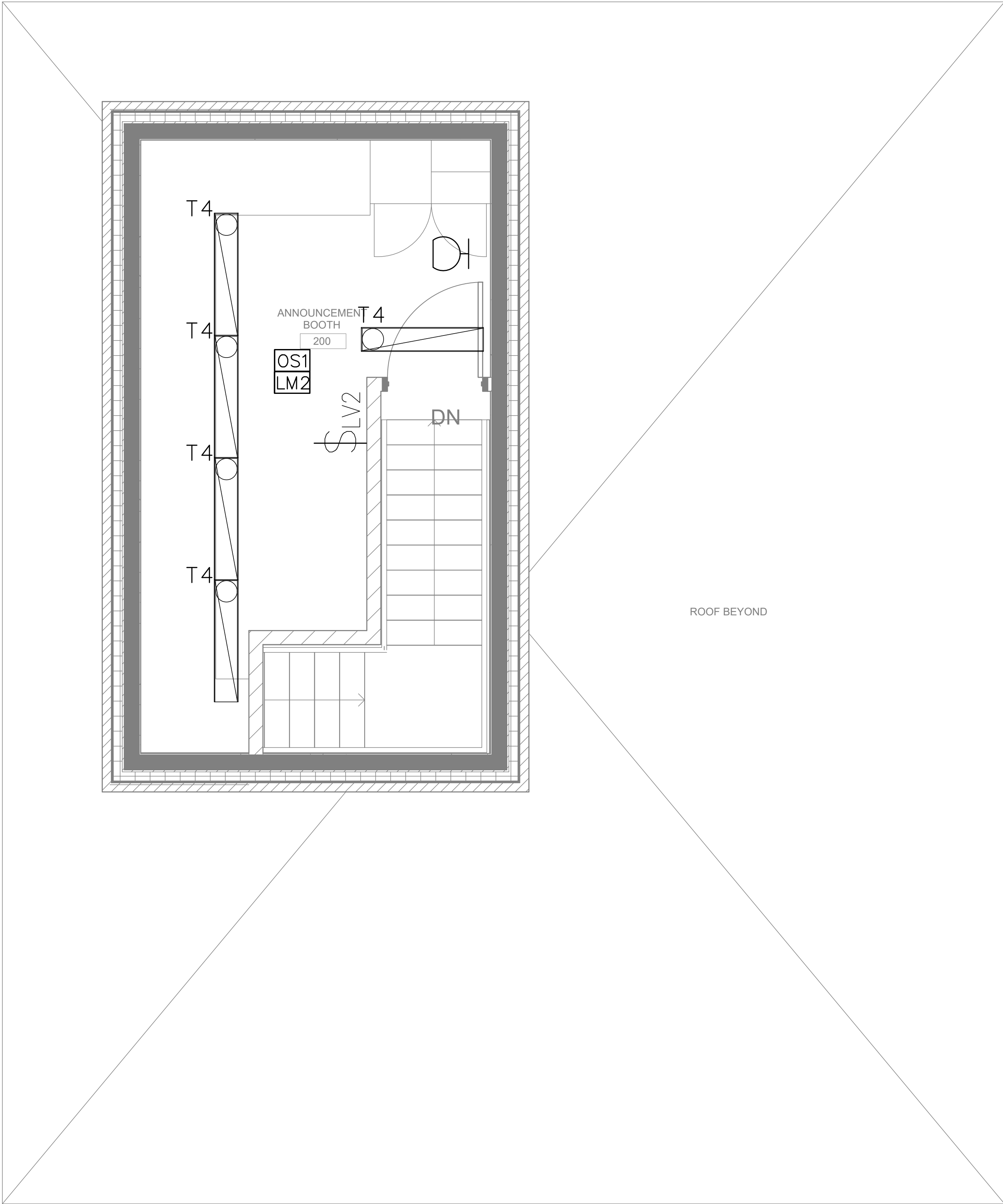
CHECKED BY : MA

DWG STATUS :
PERMIT & TENDER

PROJECT No. :
2026-513

DRAWING No. :
E4.2

REVISION



NOTES:

- RE-UTILIZE EXISTING LIGHTING CIRCUITS UNLESS NOTED OTHERWISE. ELECTRICAL CONTRACTOR TO VERIFY CAPACITY OF EXISTING LIGHTING CIRCUIT PRIOR TO INSTALLATION.
- OFF-DELAY TIME OF OCCUPANCY SENSORS TO BE THIRTY MINUTES.
- OCCUPANCY SENSORS TO BE DUAL TECHNOLOGY PIR AND ULTRASONIC TYPE. ACCEPTABLE MANUFACTURER'S WATTSTOPPER, ACUITY AND LUTRON
- CONTRACTOR TO ALLOW FOR SCISSOR LIFT OR ANY OTHER APPLICABLE LIFT TO WORK AT THE FIXTURE AT HIGHER ELEVATIONS. ELECTRICIANS WORKING AT HEIGHT TO BE CERTIFIED "WORKING AT HEIGHTS" AND TO HAVE ALL THE APPROVED EQUIPMENT.
ELECTRICAL CONTRACTOR TO ALLOW FOR BUILDING OF RAMPS ETC IN ORDER TO BRING THE POWER LIFT ETC INSIDE THE SCHOOL PREMISES. NO EXTRA WILL BE ENTERTAINED FOR TEMPORARY RAMPS THAT MAY REQUIRED TO BRING HEAVY LIFT EQUIPMENT.
- ELECTRICAL CONTRACTOR PROVIDE AND INSTALL NEW LED LIGHTING FIXTURE AS SHOWN.
- IDENTIFY THE CIRCUITS FEEDING PANEL AND PROVIDE NEW LABELS FOR CIRCUITS.
- FOR THE INSTALLATION OF CANOPY AND WALL PACK LIGHTING FIXTURES.CONTRACTOR SHALL REMOVE EXISTING FIXTURE (MAKE NEW OPENING IF REQUIRED). PROVIDE AND INSTALL GOOF TRAY/PLATE TO COVER THE OPENING OF THE EXISTING HOLE, INSTALL NEW CANOPY FIXTURE ON THE NEW STAINLESS STEEL COVER.
- CONTRACTOR TO REMOVE EXISTING FIXTURES FROM THE DRY WALL CEILINGS AND ALSO TO REMOVE THE EXISTING FIXTURE DRY WALL FRAME, GC TO ALLOW FOR PATCHING THE EXISTING DRYWALL CEILING. ONCE THE DRY WALL CEILING IS DRY, CUT A NEW OPENING IN THE DRYWALL CEILING, INSTALL THE NEW LIGHTING FIXTURE WITH THE NEW DRY WALL FRAME THAT COMES WITH THE NEW LIGHTING FIXTURE. GC TO ALLOW FOR ALL CUTTING, PATCHING AND PAINTING OF DRYWALL CEILINGS. ALL CUTTING, REFRAMING AND PATCHING OF THE DRYWALL AND PAINTING OF THE DRYWALL CEILING TO MATCH THE EXISTING IS REQUIRED FOR NEW LED FIXTURES IN DRYWALL CEILING.
- AS ELECTRICAL POWER AND LOW VOLTAGE CABLE FOR THE NEW LED LIGHTINGS SWITCHES CANNOT BE RUN IN THE SAME EXISTING ELECTRICAL CONDUIT, THE ELECTRICAL CONTRACTOR SHALL ALLOW TO PROVIDE AND INSTALL WIRE MOLD FOR THE NEW LOW VOLTAGE SWITCHES.
- EXHAUST FAN SHALL INTERLOCK WITH THE LIGHTING FIXTURE, OCCUPANCY SENSOR SHALL CONTROL THE LIGHTING FIXTURE AD THE EXHAUST FAN.

CUTTING, PATCHING AND PAINTING BY GC

- CUTTING AND PATCHING OF THE DRYWALL BY THE GC IS INCLUDED IN THE SCOPE OF WORK. GC TO CAREFULLY EXAMINE ALL THE LIGHTING FLOOR PLAN TO ALLOW FOR COMPLETE CUTTING PATCHING AND PAINTING WORK. FOR THE LIGHTING RETROFIT SCOPE .

The Contractor shall verify all dimensions prior to commencement of the work. All print and specifications are the property of the Architect and must be returned upon completion of the work.

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PROJECT :
ST. DAVID CATHOLIC SECONDARY SCHOOL

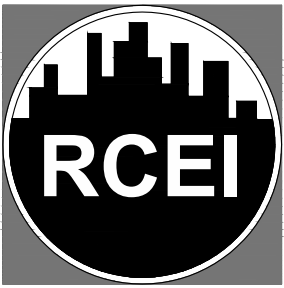
4 HIGH ST, WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROFESSIONAL SEAL :



DWG TITLE :

PROPOSED PLAN- SECOND FLOOR- FIELD HOUSE LIGHTING LAYOUT



REGAL CONSULTING ENGINEERS INC.
CONSULTING MECHANICAL & ELECTRICAL ENGINEERS
208 WYECROFT ROAD, SUIT 200 OAKVILLE, ON L6K 3S3
PHONE: (905) 844-3813
www.regal-eng.com

DATE : 2026

SCALE : AS SHOWN

DRAWN BY: SY

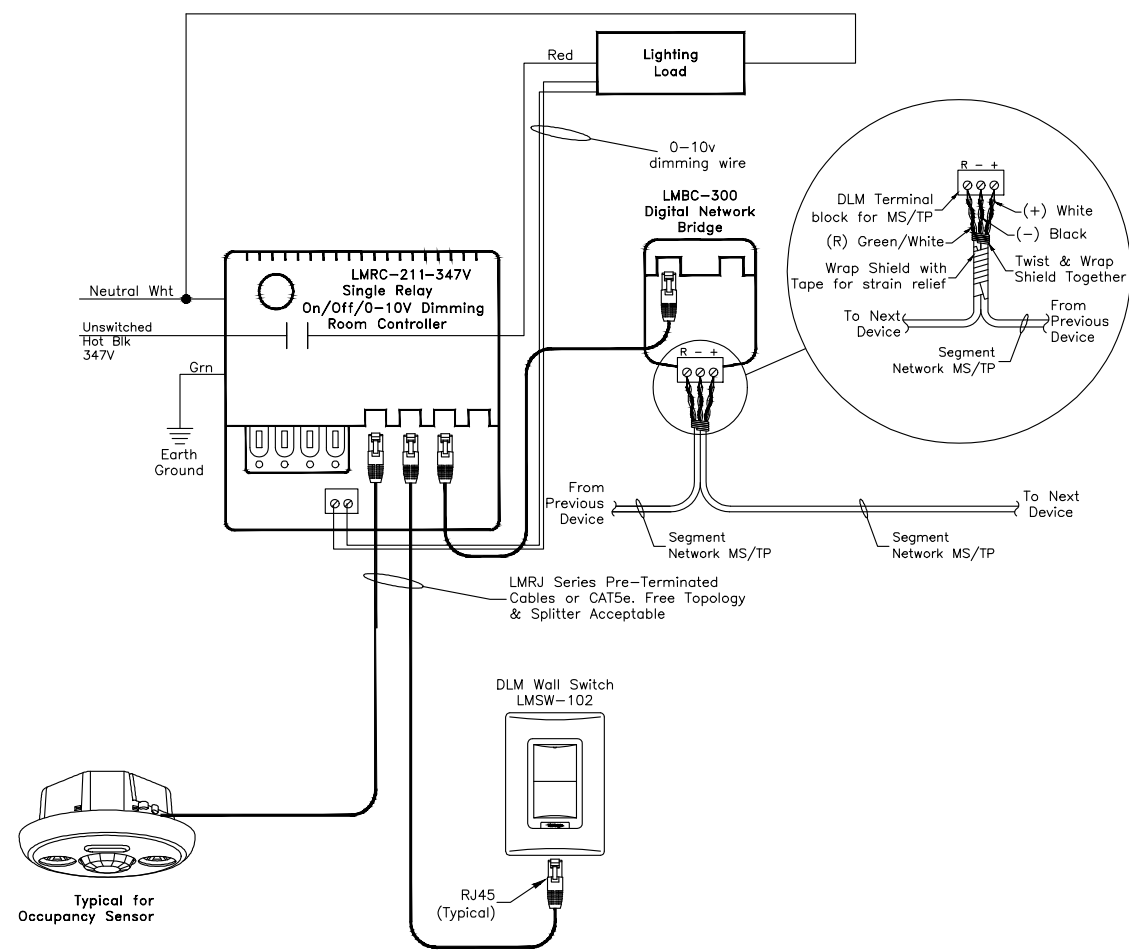
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DWG STATUS :
PERMIT & TENDER

PROJECT No. :
2026-513

DRAWING No. :
E4.3

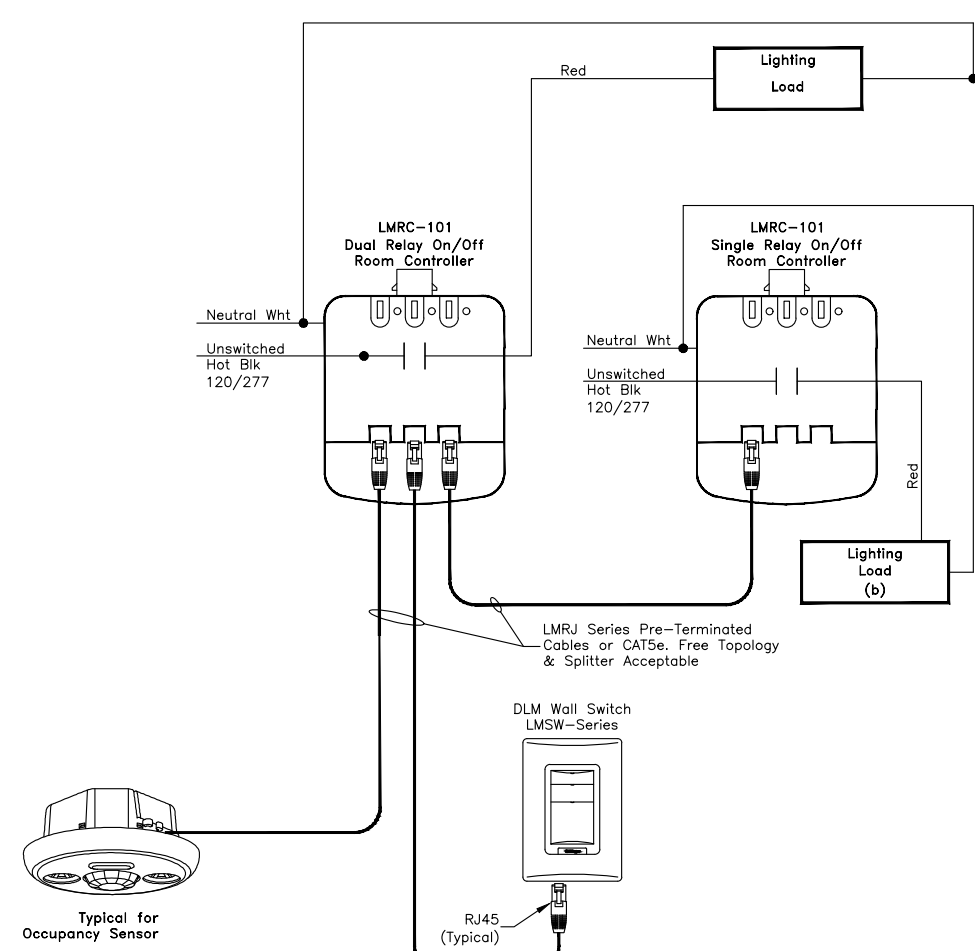
REVISION



DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL. Sequence of Operation in this configuration the LMRC-211 defaults to automatic-on/automatic-off operation. Enhanced room controllers support up to 64 loads and 48 devices per DLM local network. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com.

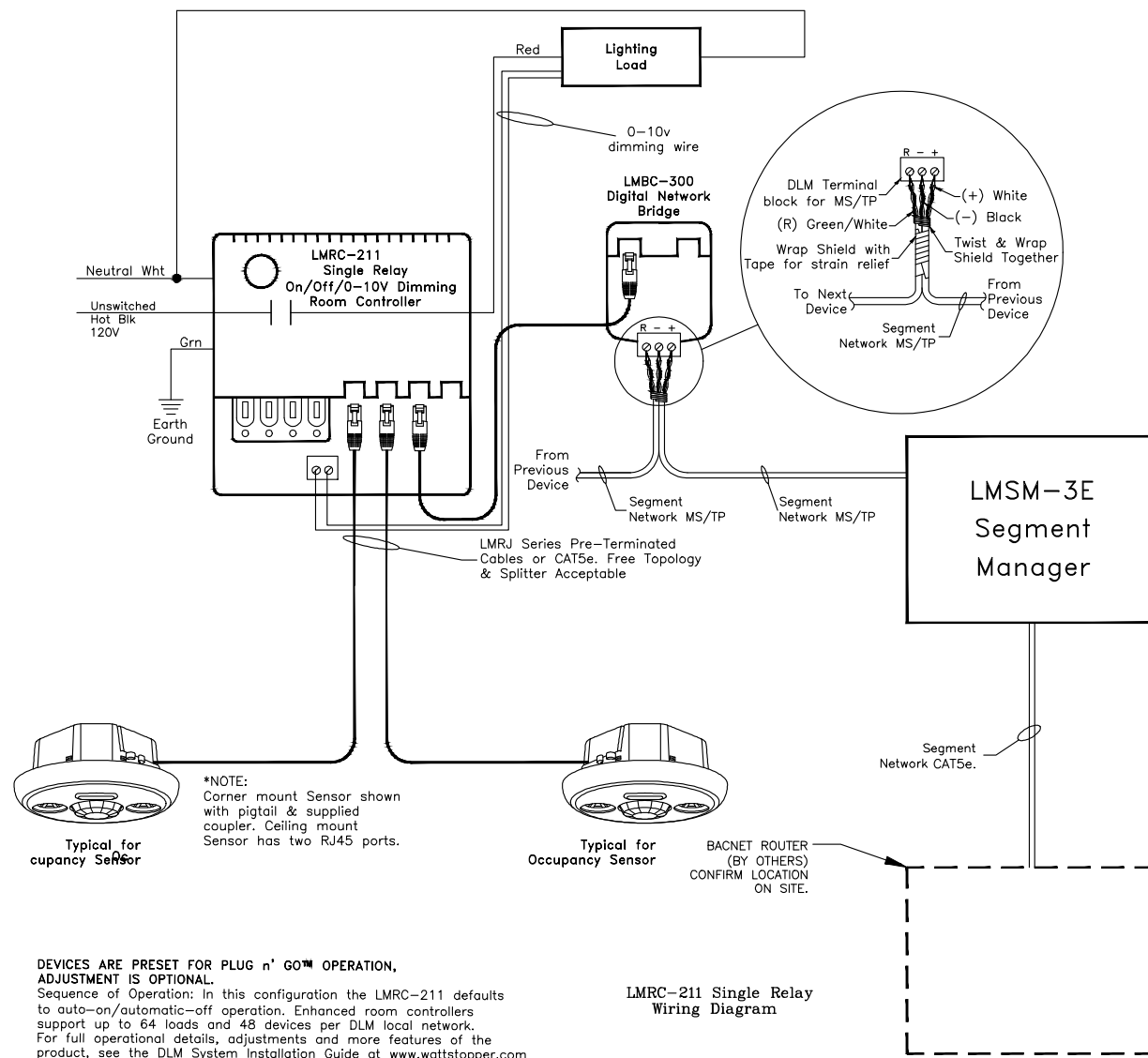
LMRC-211 Single Relay Wiring Diagram

1 TYPICAL OFFICE/STAFF LOUNGE LIGHTING CONTROL DIAGRAM
E4.0 SCALE: N.T.S.



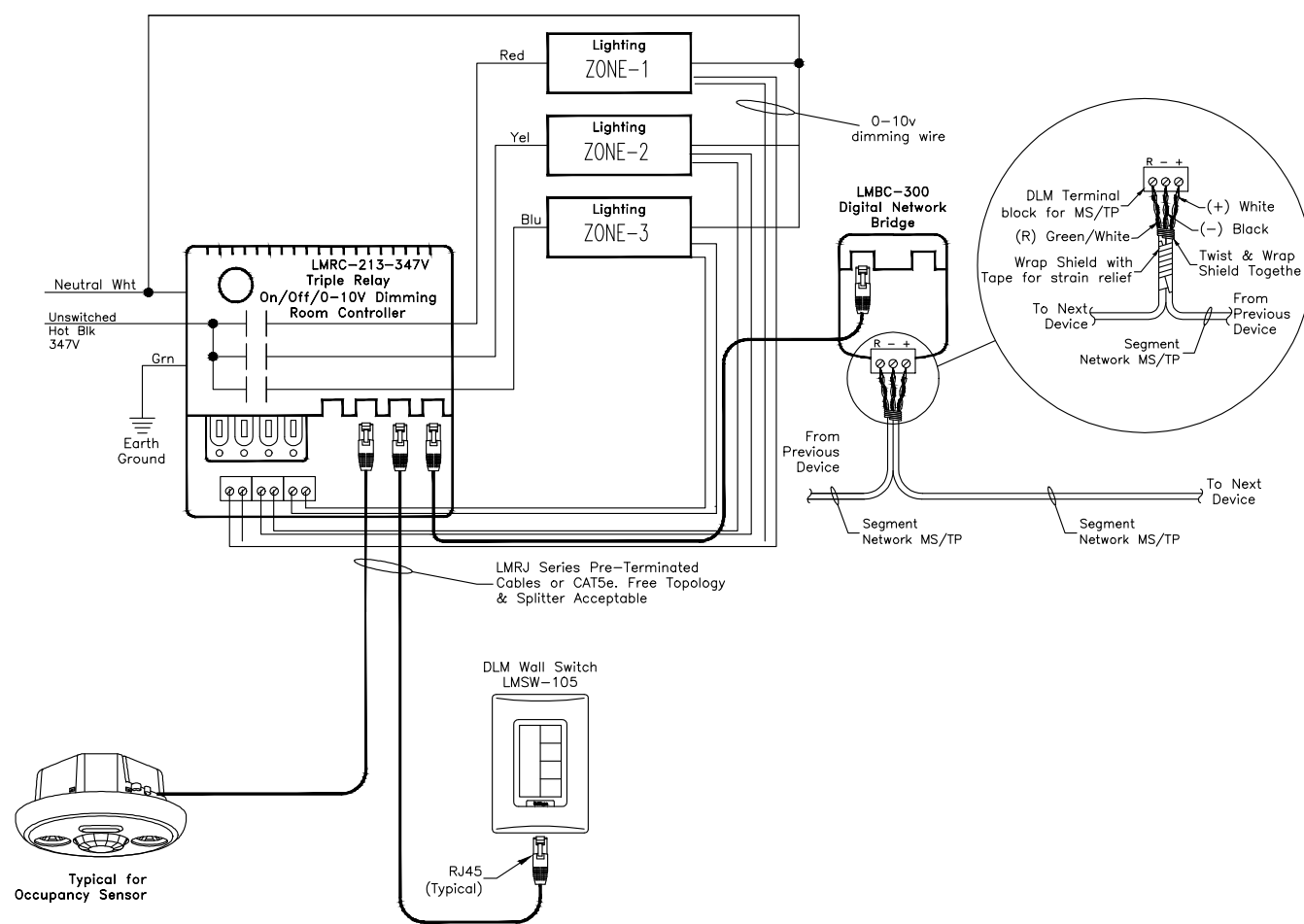
DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL. Sequence of Operation in this configuration the LMRC-101 defaults to multi-level automatic-on/automatic-off. All loads turn automatically off. The LMRC-101 defaults to manual-on/automatic-off. Maximum of 4 room controllers, controlling up to 8 loads and up to 24 communicating devices per DLM local network. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com.

4 CORRIDOR AND LIGHTING CONTROL DIAGRAM
E4.0 SCALE: N.T.S.



DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL. Sequence of Operation in this configuration the LMRC-211 defaults to automatic-on/automatic-off operation. Enhanced room controllers support up to 64 loads and 48 devices per DLM local network. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com.

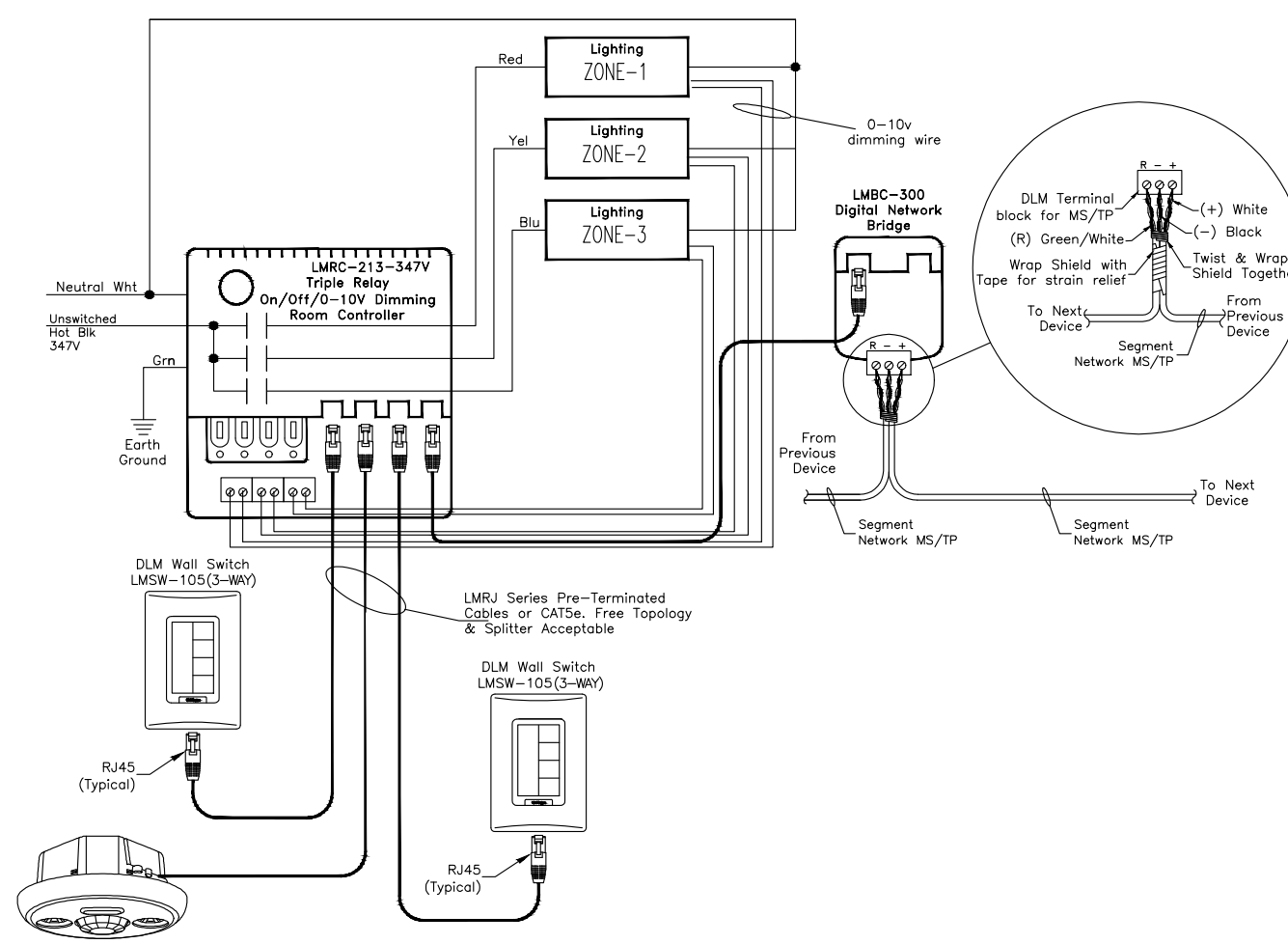
7 TYPICAL CORRIDOR/ STAIR CASE LIGHTING CONTROL DIAGRAM
E4.0 SCALE: N.T.S.



DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL. Sequence of Operation in this configuration the LMRC-213 defaults to multi-level automatic-on/automatic-off operation. Load (c) on the LMRC-213 turns on automatically, while Load (b) and (c) defaults to manual-on control; all relays turn off automatically. Enhanced room controllers support up to 64 loads and 48 devices per DLM local network. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com.

LMRC-213 Triple Relay Wiring Diagram

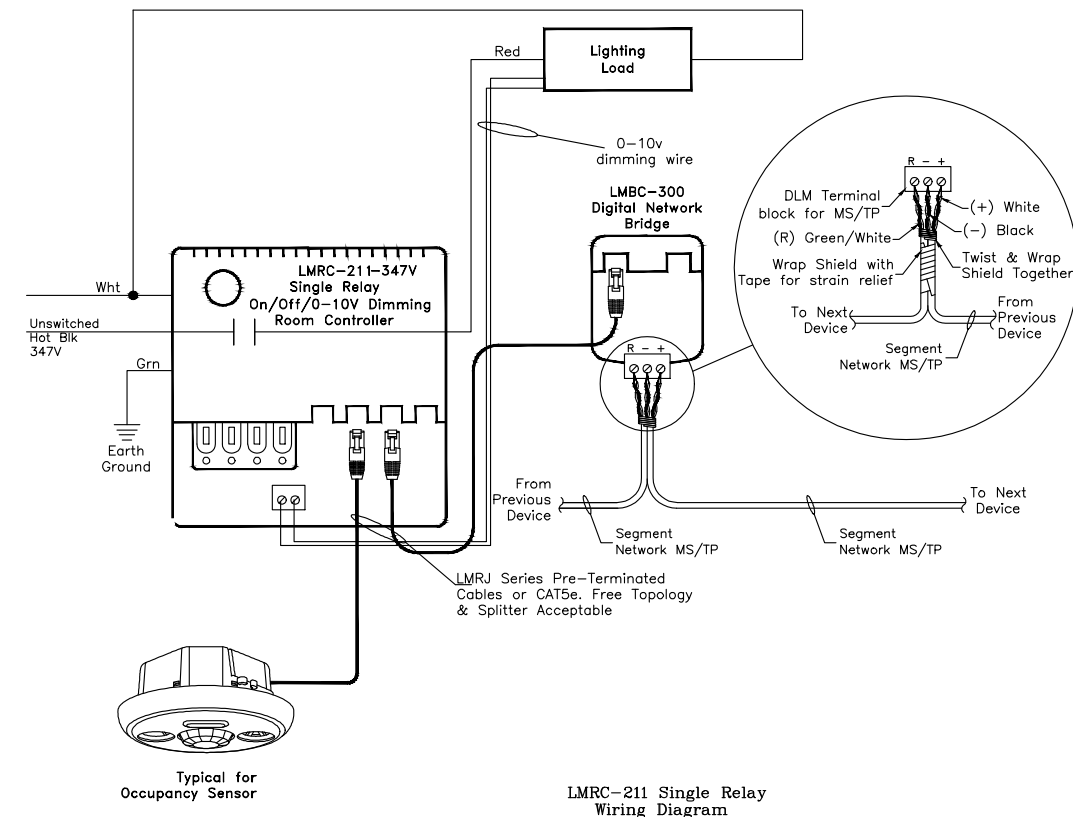
2 TYPICAL CLASSROOM LIGHTING CONTROL DIAGRAM
E4.0 SCALE: N.T.S.



DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL. Sequence of Operation in this configuration the LMRC-213 defaults to multi-level automatic-on/automatic-off operation. Load (c) on the LMRC-213 turns on automatically, while Load (b) and (c) defaults to manual-on control; all relays turn off automatically. Enhanced room controllers support up to 64 loads and 48 devices per DLM local network. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com.

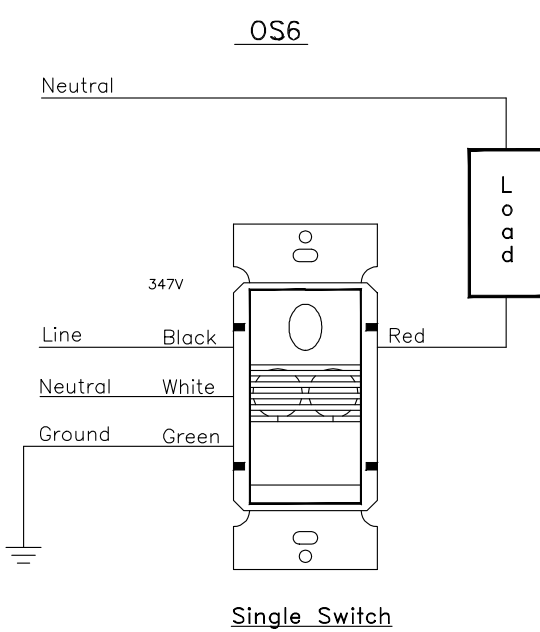
LMRC-213 Dual Relay Wiring Diagram

5 TYPICAL CLASSROOM LIGHTING CONTROL DIAGRAM WITH 2 DOORS
E4.0 SCALE: N.T.S.



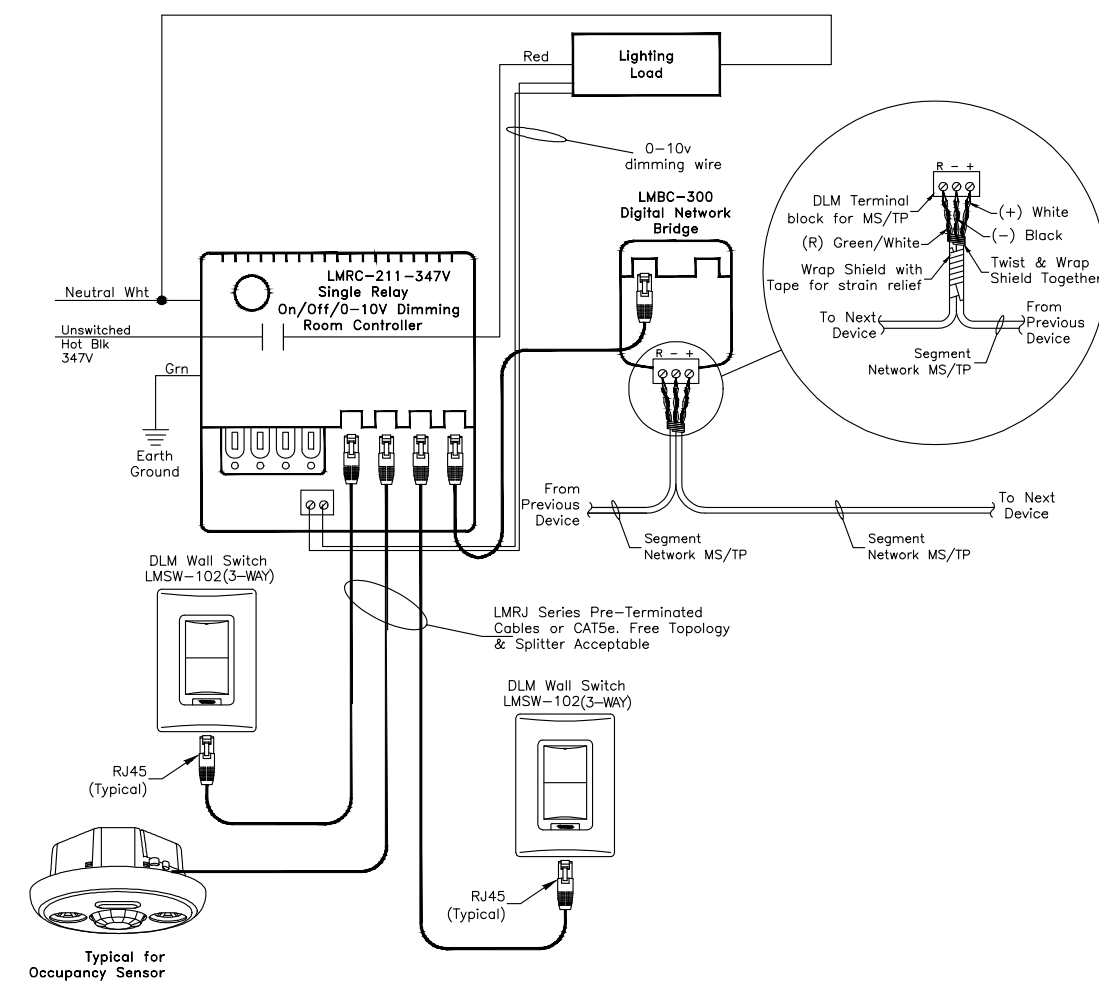
DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL. Sequence of Operation in this configuration the LMRC-211 defaults to automatic-on/automatic-off operation. Enhanced room controllers support up to 64 loads and 48 devices per DLM local network. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com.

8 TYPICAL CHANGEROOM LIGHTING CONTROL DIAGRAM
E4.0 SCALE: N.T.S.



DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL. Sequence of Operation in this configuration the LMRC-211 defaults to automatic-on/automatic-off operation. Enhanced room controllers support up to 64 loads and 48 devices per DLM local network. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com.

6 TYPICAL WALL SWITCH WIRING DIAGRAM
E4.0 SCALE: N.T.S.



DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL. Sequence of Operation in this configuration the LMRC-211 defaults to automatic-on/automatic-off operation. Enhanced room controllers support up to 64 loads and 48 devices per DLM local network. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com.

LMRC-211 Single Relay Wiring Diagram

9 TYPICAL STAFF LOUNGE/OFFICE LIGHTING CONTROL DIAGRAM WITH 2 DOORS
E4.0 SCALE: N.T.S.

The Contractor shall verify all dimensions prior to commencement of the work. All print and specifications are the property of the Architect and must be returned upon completion of the work.

ISSUE OR REVISION

No.	Description	Date
1	ISSUED FOR BUILDING PERMIT & TENDER	APR 01, 2026

PROJECT :
ST. DAVID CATHOLIC SECONDARY SCHOOL
4 HIGH ST., WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROFESSIONAL SEAL :



DWG TITLE :

PROPOSED PLAN- LIGHTING CONTROL DETAIL-1



REGAL CONSULTING ENGINEERS INC.
CONSULTING MECHANICAL & ELECTRICAL ENGINEERS
208 WYECROFT ROAD, SUIT 200 OAKVILLE, ON L6K 3S3
PHONE: (905) 844-3813
www.regal-eng.com

DATE: 2026

SCALE: AS SHOWN

DRAWN BY: SY

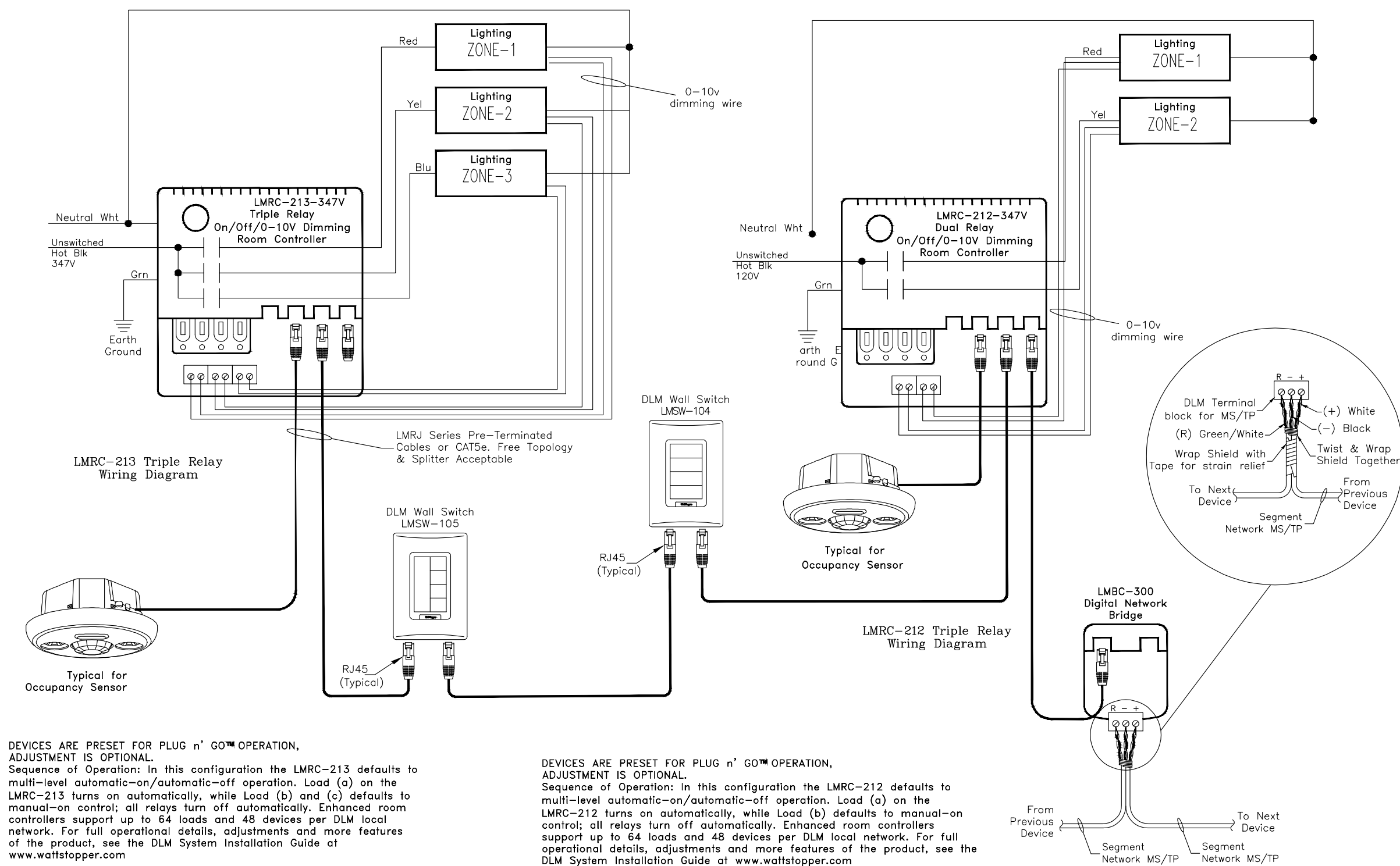
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DWG STATUS: PERMIT & TENDER

PROJECT No.: 2026-513

DRAWING No.: E4.4

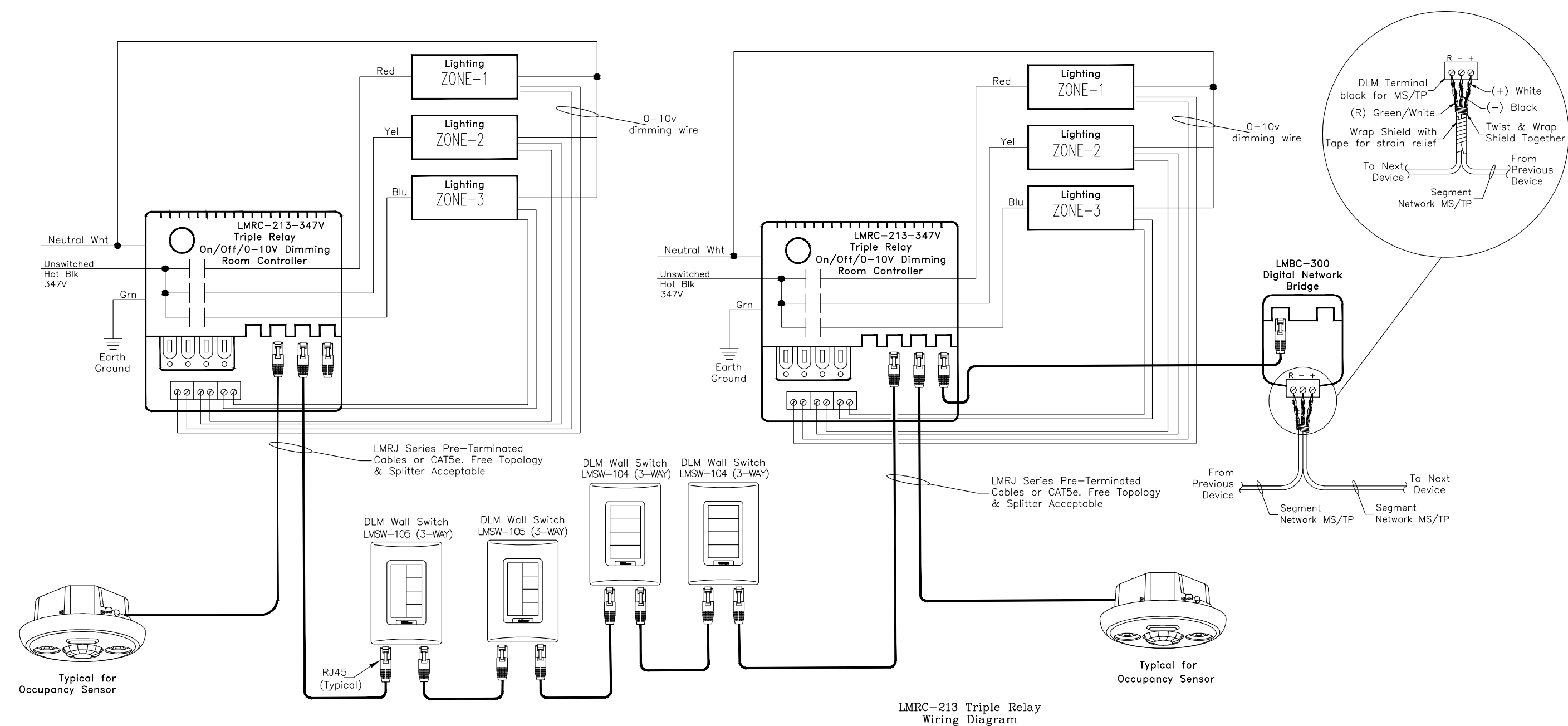
REVISION



DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL.
Sequence of Operation: In this configuration the LMRC-213 defaults to multi-level automatic-on/automatic-off operation. Load (a) on the LMRC-213 turns on automatically, while Load (b) and (c) defaults to manual-on control; all relays turn off automatically. Enhanced room controllers support up to 64 loads and 48 devices per DLM local network. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com

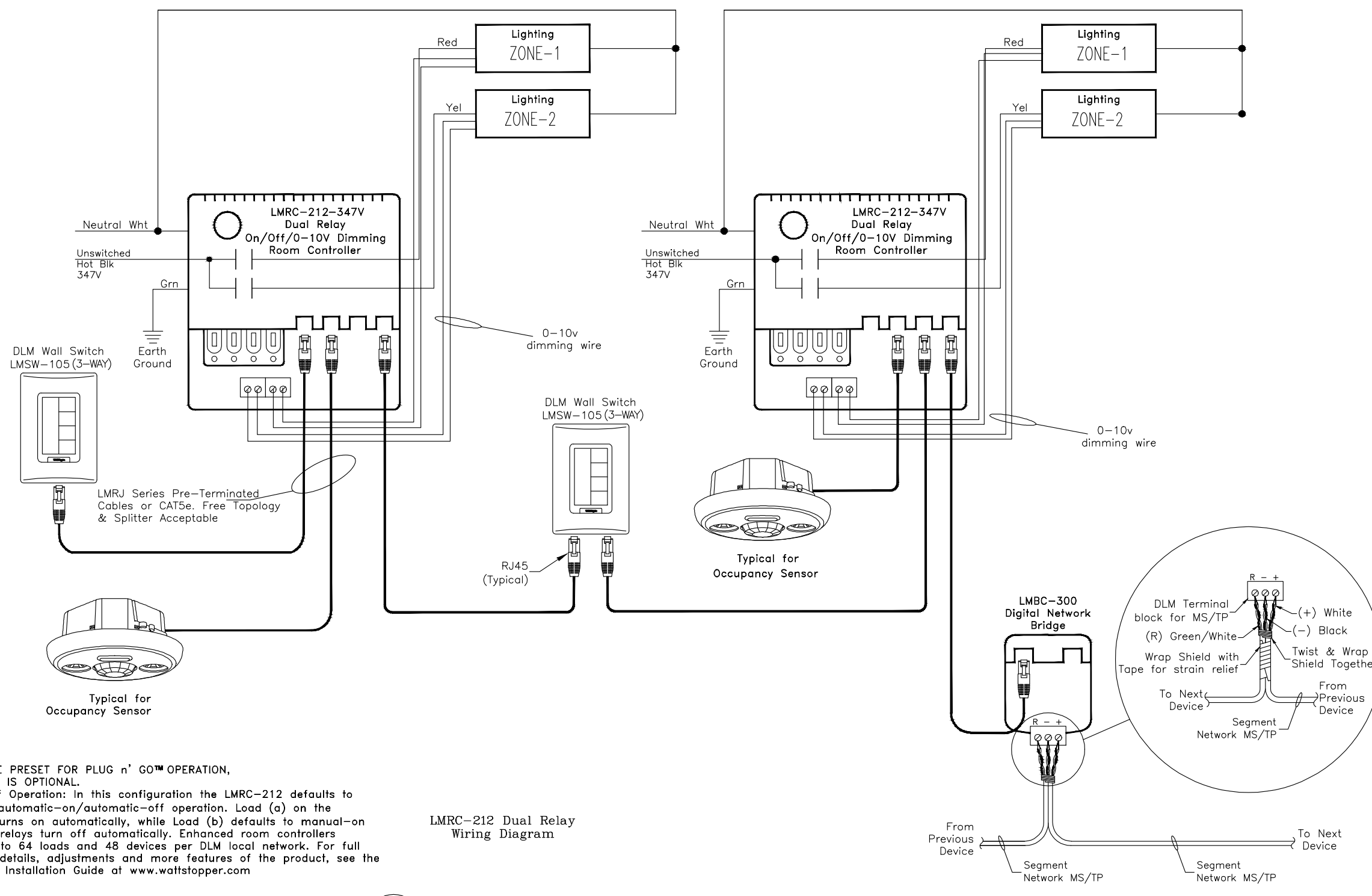
DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL.
Sequence of Operation: In this configuration the LMRC-212 defaults to multi-level automatic-on/automatic-off operation. Load (a) on the LMRC-212 turns on automatically, while Load (b) defaults to manual-on control; all relays turn off automatically. Enhanced room controllers support up to 64 loads and 48 devices per DLM local network. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com

1 LIBRARY LIGHTING CONTROL DIAGRAM
E4.1 SCALE: N.T.S.



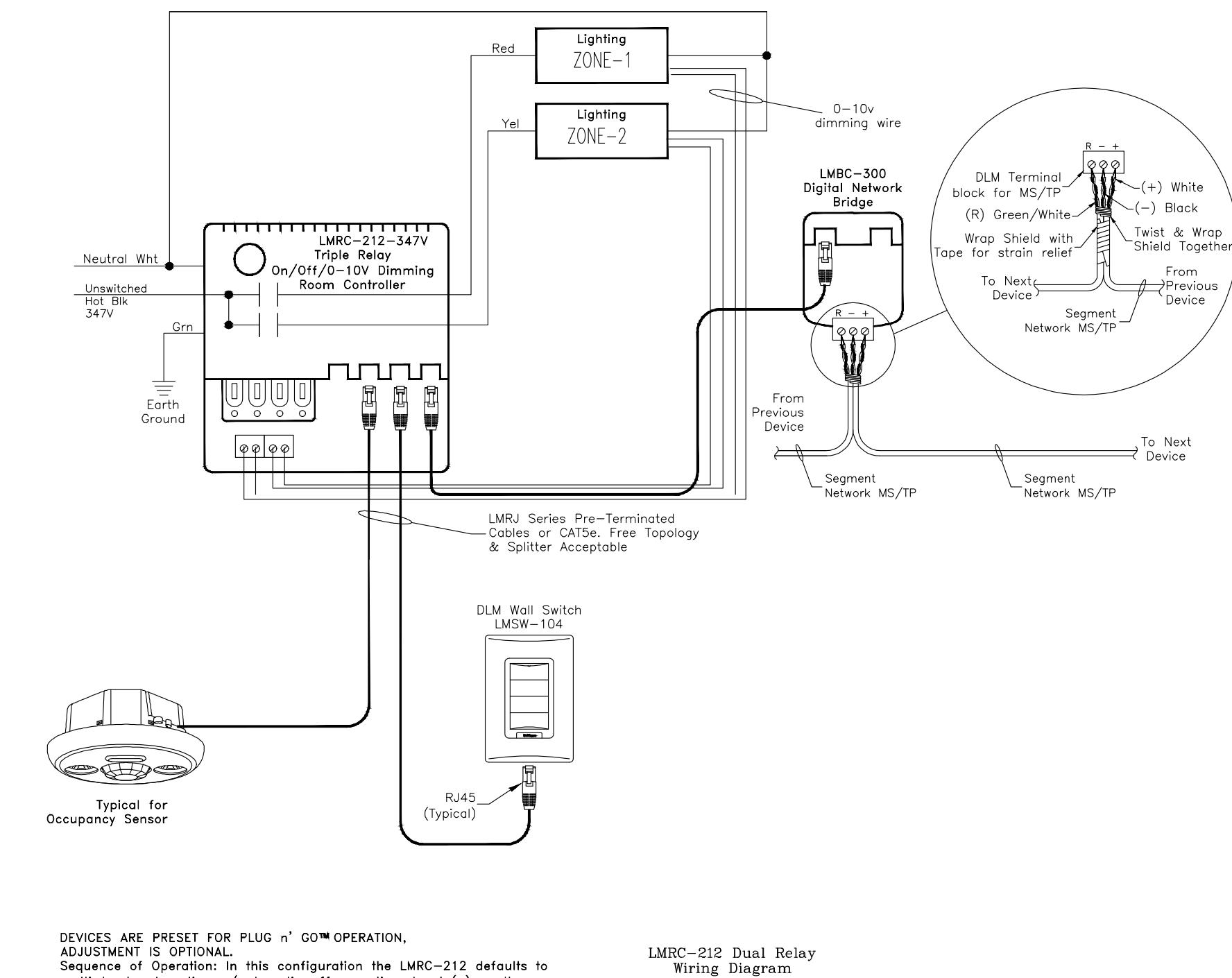
DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL.
Sequence of Operation: In this configuration the LMRC-213 defaults to multi-level automatic-on/automatic-off operation. Load (a) on the LMRC-213 turns on automatically, while Load (b) and (c) defaults to manual-on control; all relays turn off automatically. Enhanced room controllers support up to 64 loads and 48 devices per DLM local network. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com

4 CAFETERIUM LIGHTING CONTROL DIAGRAM WITH 3-WAY CONTROL
E4.1 SCALE: N.T.S.



DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL.
Sequence of Operation: In this configuration the LMRC-212 defaults to multi-level automatic-on/automatic-off operation. Load (a) on the LMRC-212 turns on automatically, while Load (b) defaults to manual-on control; all relays turn off automatically. Enhanced room controllers support up to 64 loads and 48 devices per DLM local network. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com

3 THEATER LIGHTING CONTROL DIAGRAM WITH 2 DOORS
E4.1 SCALE: N.T.S.



DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION. ADJUSTMENT IS OPTIONAL.
Sequence of Operation: In this configuration the LMRC-212 defaults to multi-level automatic-on/automatic-off operation. Load (a) on the LMRC-212 turns on automatically, while Load (b) defaults to manual-on control; all relays turn off automatically. Enhanced room controllers support up to 64 loads and 48 devices per DLM local network. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com

5 CHAPEL AND FOOD SERVICE LIGHTING CONTROL DIAGRAM
E4.1 SCALE: N.T.S.

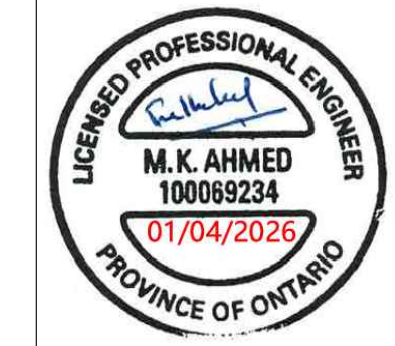
The Contractor shall verify all dimensions prior to commencement of the work. All print and specifications are the property of the Architect and must be returned upon completion of the work.

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No.	Description	Date
1	ISSUED FOR BUILDING PERMIT & TENDER	APR 01, 2026

PROJECT : **ST. DAVID CATHOLIC SECONDARY SCHOOL**
4 HIGH ST., WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROFESSIONAL SEAL :



DWG TITLE :
LIGHTING CONTROL DETAIL-2

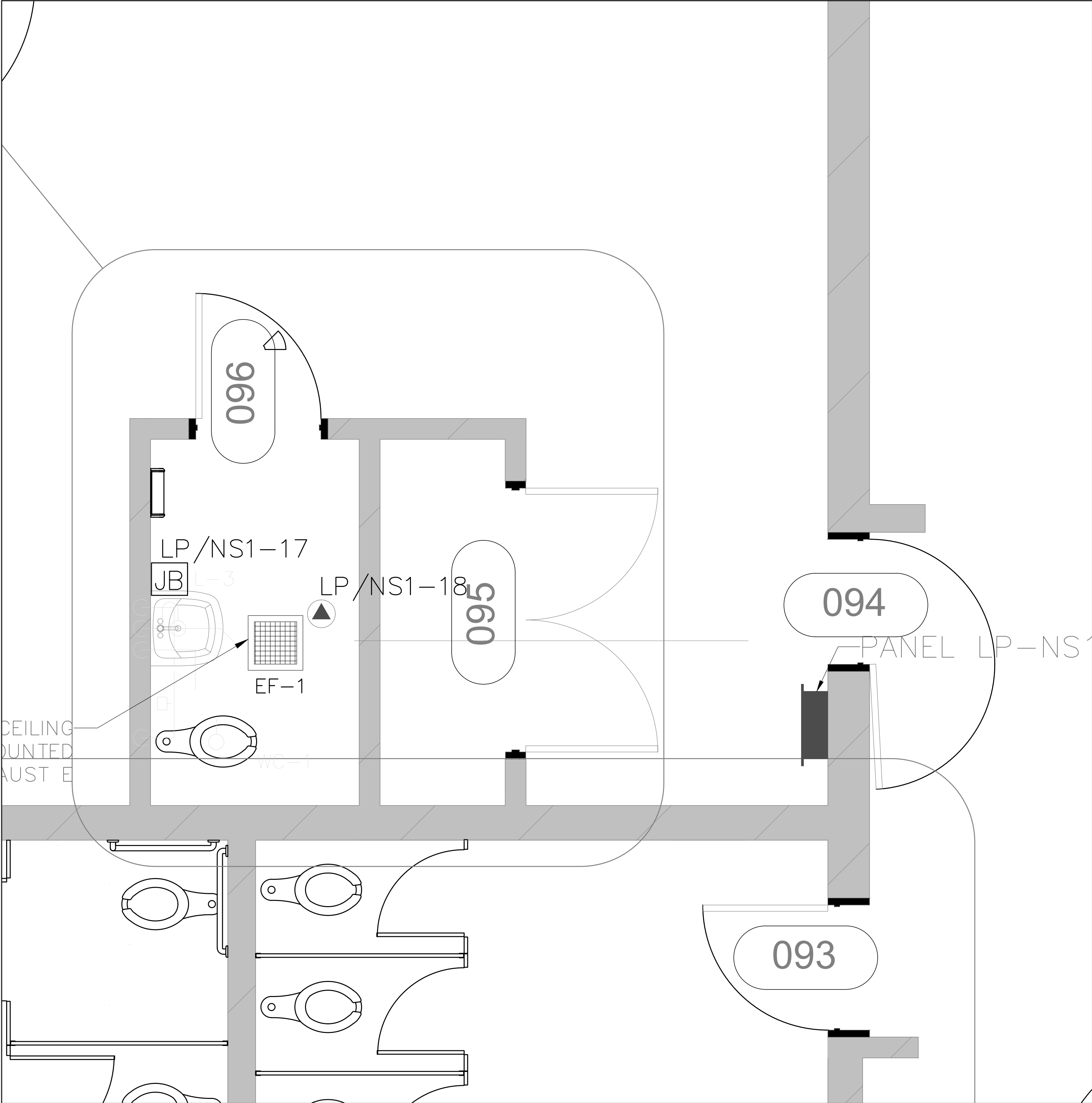


REGAL CONSULTING ENGINEERS INC.
CONSULTING MECHANICAL & ELECTRICAL ENGINEERS
208 WYECROFT ROAD, SUIT 200 OAKVILLE, ON L6K 3S3
PHONE: (905) 844-3813
www.regal-eng.com

DATE :	2026
SCALE :	AS SHOWN
DRAWN BY :	SY
CHECKED BY :	MA
DWG STATUS :	PERMIT & TENDER
PROJECT No. :	2026-513
DRAWING No. :	E4.5
REVISION	

[illegible]

DRAWING No. : E5.0	REVISION
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NOTES:

- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALLED JUNCTION BOX FOR LAVATORY AS SHOWN .
- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALLED JUNCTION BOX FOR LAVATORY FIXTURE AND EXHAUST FAN FOR STAFF ROOM.
- MECHANICAL CONTRACTOR WILL PROVIDE THE TRANSFORMER WITH ALL ACCESSORIES WHICH REQUIRED TO CONNECT LAVATORY FIXTURE
- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL CONDUIT AND WIRE FROM THE EXISTING PANEL LP- NSR
- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL 15A BREAKER INSIDE THE EXISTING PANEL LP-NSR FOR LAVATORY FIXTURE AND EXHAUST FAN TO PANEL.
- EXHAUST FAN SHALL INTERLOCK WITH THE LIGHTING FIXTURE, OCCUPANCY SENSOR SHALL CONTROL THE LIGHTING FIXTURE AND THE EXHAUST FAN.

ELECTRICAL PANEL: 120/208V,3Ø,4W-60HZ, 100 AMP MAIN BREAKER														EXISTING PANEL BOARD LP-NSR SCHEDULE									
DESCRIPTION		BRKR SIZE (A)	WATTS PER PHASE			CR NO	BUS ABC	CR NO	WATTS PER PHASE			BRKR SIZE (A)	DESCRIPTION										
			A	B	C				A	B	C												
RECEPTACLES		15				01		02				15	MICROWAVE										
RECEPTACLES		15				03		04				15	SPARE										
RECEPTACLES AND LIGHTING FIXTURE		15				05		06				2P											
RECEPTACLES FRIDGE		15				07		08				15	SPLIT RECEPTACLE										
SPLIT RECEPTACLE		15				09		10				2P											
		2P				11		12				15	DISHWASHER										
RANGE HOOD		15				13		14				50	COOKING RANGE										
NIGHT LIGHT (**)		15				15		16				2P											
SPACE						17		18					SPACE										
SPACE																							
(*) GROUND FAULT INTERRUPTER CIRCUIT BREAKER																							
(**) C/W LOCK-OFF DEVICES																							
											</												

ELECTRICAL PANEL: 120/208V,3Ø,4W-60HZ, 100 AMP MAIN BREAKER														PROPOSED PANEL BOARD LP-NSR SCHEDULE									
DESCRIPTION		BRKR SIZE (A)	WATTS PER PHASE			CR NO	BUS ABC	CR NO	WATTS PER PHASE			BRKR SIZE (A)	DESCRIPTION										
			A	B	C				A	B	C												
RECEPTACLES		15				01		02				15	MICROWAVE										
RECEPTACLES		15				03		04				15	SPARE										
RECEPTACLES AND LIGHTING FIXTURE		15				05		06				2P											
RECEPTACLES FRIDGE		15				07		08				15	SPLIT RECEPTACLE										
SPLIT RECEPTACLE		15				09		10				2P											
		2P				11		12				15	DISHWASHER										
RANGE HOOD		15				13		14				50	COOKING RANGE										
NIGHT LIGHT (**)		15				15		16				2P											
LAVATORY		15				17		18				15	EXHAUST FAN (EF-1)										
SPACE																							
(*) GROUND FAULT INTERRUPTER CIRCUIT BREAKER																							
(**) C/W LOCK-OFF DEVICES																							

The Contractor shall verify all dimensions prior to commencement of the work.
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No.	Description	Date
1	ISSUED FOR BUILDING PERMIT & TENDER	APR 01, 2026

PROJECT :

ST. DAVID CATHOLIC SECONDARY SCHOOL

4 HIGH ST, WATERLOO, ON N2L 3X5

WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

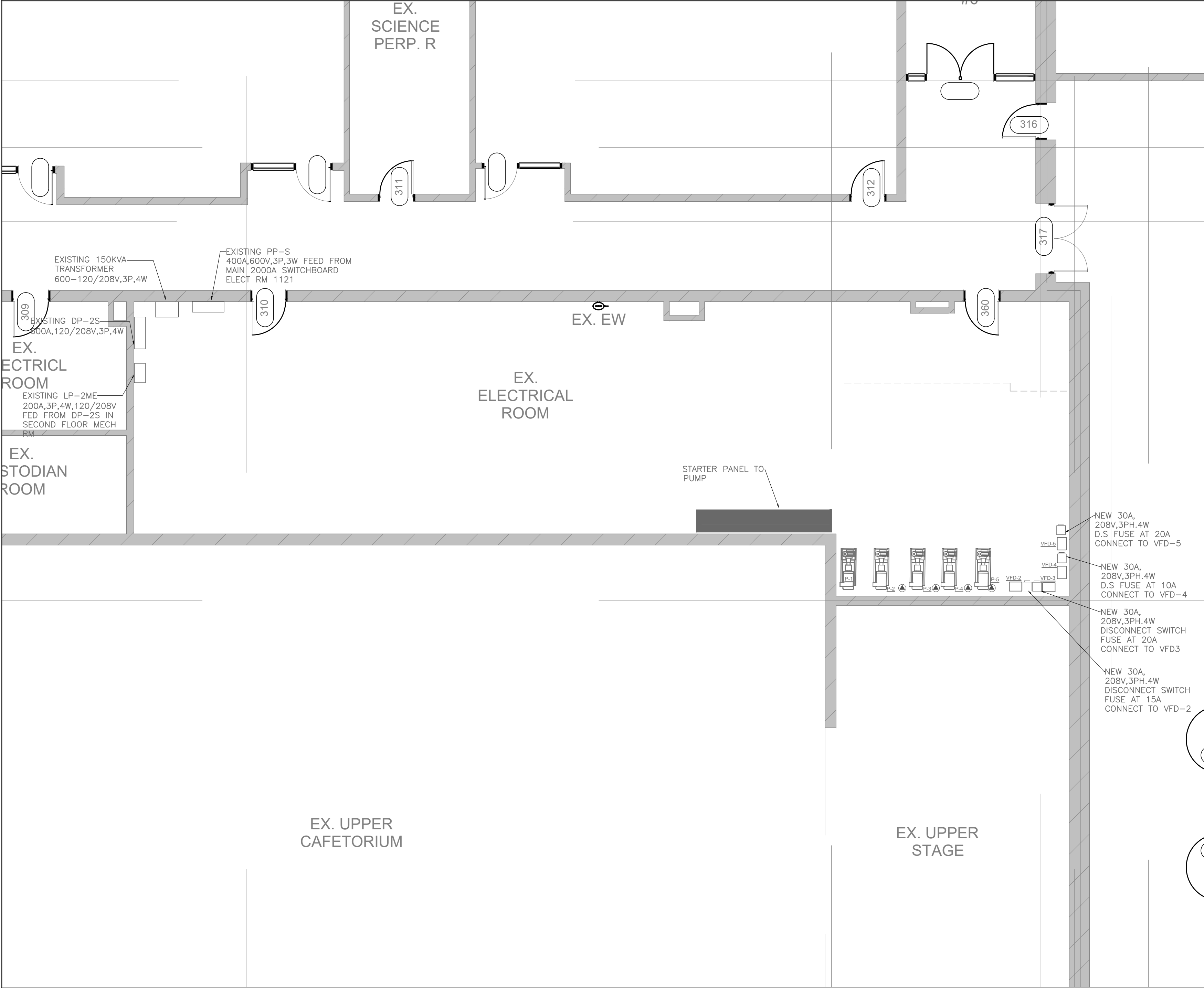
PROFESSIONAL SEAL :

DWG TITLE :

PROPOSED PLAN- FIRST FLOOR- NEW STAFF WASH ROOM FIXTURE POWER LAYOUT

REGAL CONSULTING ENGINEERS INC.
CONSULTING MECHANICAL & ELECTRICAL ENGINEERS
208 WYECROFT ROAD, SUIT 200 OAKVILLE, ON L6K 3S3
PHONE: (905) 844-3813
www.regal-eng.com

DATE :	2026
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CHECKED BY :	MA
DWG STATUS :	PERMIT & TENDER
PROJECT No. :	2026-513
DRAWING No. :	E5.1
REVISION	



NOTES:

1. ELECTRICAL CONTRACTOR TO SHALL PROVIDE AND INSTALL NEW DISCONNECT SWITCH FOR PUMP 2,3,4,5
2. ELECTRICAL CONTRACTOR PROVIDE AND INSTALL EMT CONDUIT AND CABLE TO DISCONNECT SWITCH.
3. ELECTRICAL CONTRACTOR VERIFY VFD LOCATION INSTALL DISCONNECT SWITCH AS SHOWN IN LAYOUT.
4. ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL FOR ALL RELATED ELECTRICAL WORK.

The Contractor shall verify all dimensions prior to commencement of the work.
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1	ISSUED FOR BUILDING PERMIT & TENDER	APR 01, 2026

PROJECT :
ST. DAVID CATHOLIC SECONDARY SCHOOL
4 HIGH ST, WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROFESSIONAL SEAL :



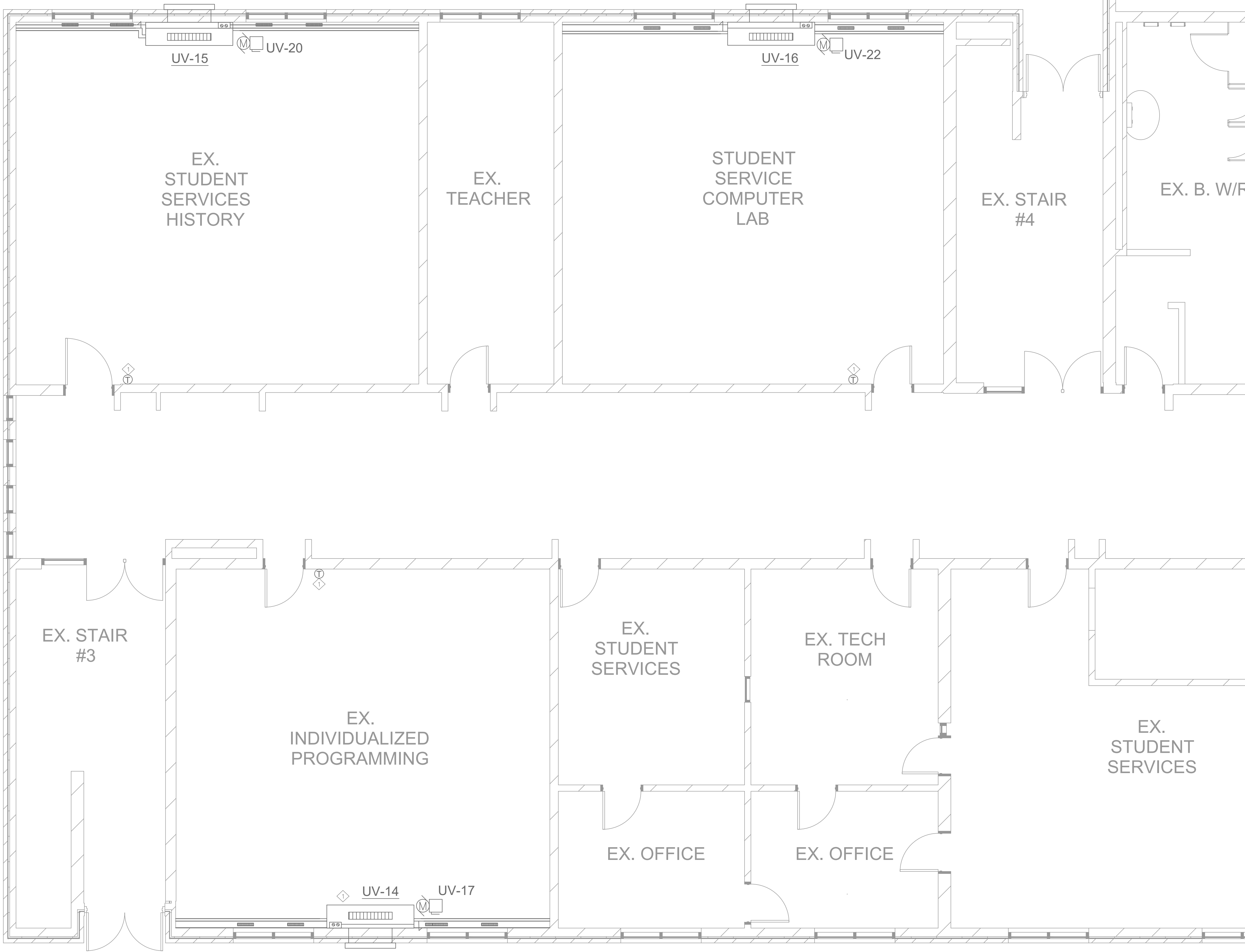
DWG TITLE :

PROPOSED PLAN- SECOND FLOOR
-BOILER ROOM ZONE PUMP
POWER LAYOUT



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CONSULTING MECHANICAL & ELECTRICAL ENGINEERS
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CHECKED BY :	MA
DWG STATUS :	PERMIT & TENDER
PROJECT No. :	2026-513
DRAWING No. :	E5.2
REVISION	



- PROPOSED ELECTRICAL NOTES:**
1. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW DISCONNECT SWITCH, CABLE FROM THE NEW PANEL TO THE NEW UNIT VENTILATOR TO MAKE NECESSARY POWER CONNECTIONS.CO-ORDINATE WITH MECHANICAL FOR EXACT LOCATION TO THE POWER CONNECTION.
 2. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW CONDUITS & CABLES FOR UNIT VENTILATOR, CONNECT POWER AND CONTROLS CIRCUIT TO THE NEW PANEL.
 3. CO-ORDINATE WITH THE MECHANICAL TRADES FOR ALL THE POWER REQUIREMENTS FOR THE UNIT VENTILATOR.
 4. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL 15A, FUSE AT 10A DISCONNECT SWITCH FOR THE NEW UNIT VENTILATOR.
 5. ELECTRICAL CONTRACTOR SHALL VERIFY THE INSTALLATION OF DISCONNECT SWITCH FOR THE UNIT VENTILATOR IN COORDINATION WITH THE MECHANICAL TRADES OR REFER TO THE UNIT SPECIFICATION WHERE THE MANUFACTURER PROVIDE THE ELECTRICAL CONNECTION PROVISION.

The Contractor shall verify all dimensions prior to commencement of the work.
All print and specifications are the property of the Architect and must be returned upon completion of the work.

ISSUE OR REVISION		
No.	Description	Date
1	ISSUED FOR BUILDING PERMIT & TENDER	APR 01, 2026

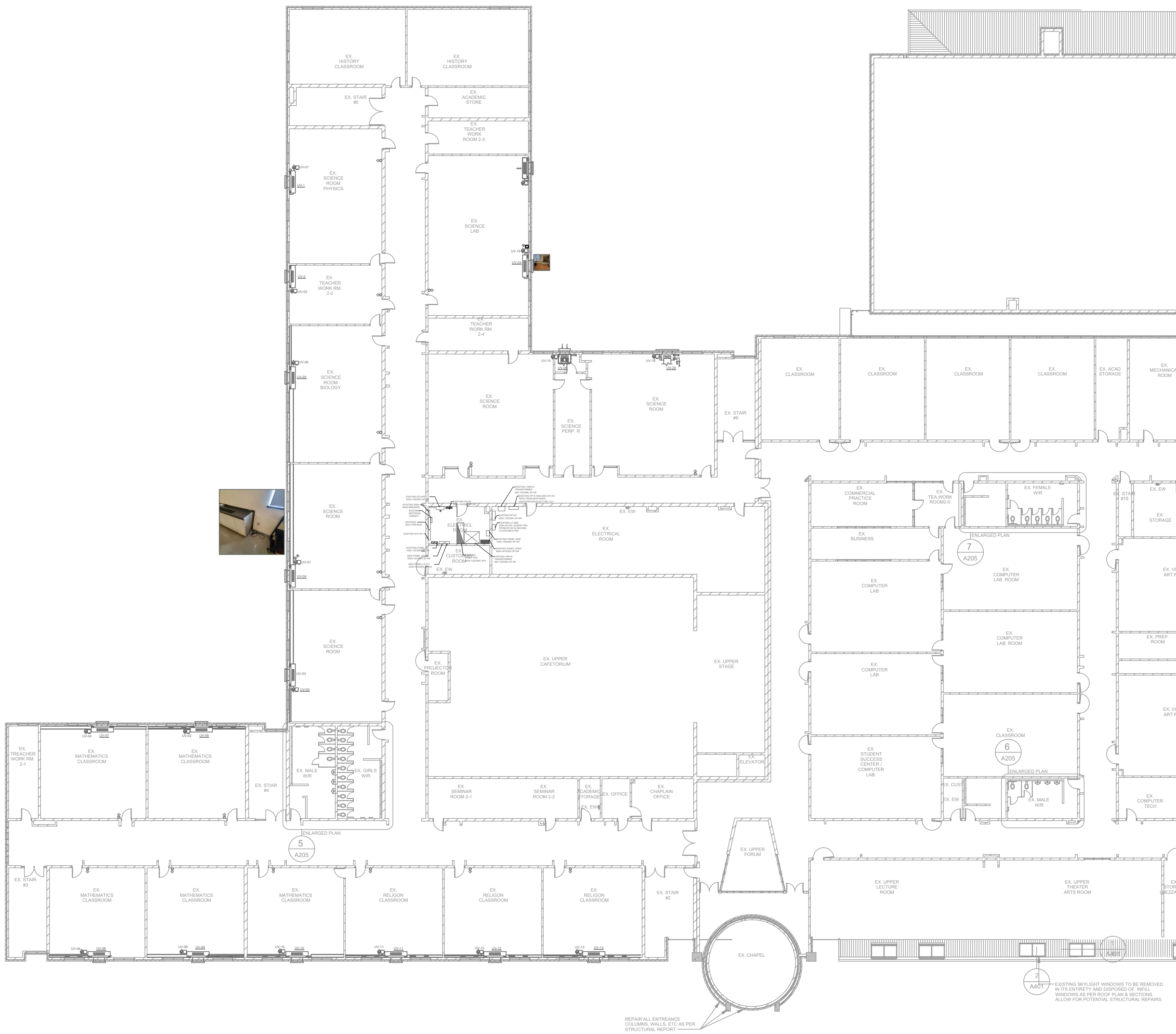
PROJECT :
ST. DAVID CATHOLIC SECONDARY SCHOOL
4 HIGH ST, WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD



DWG TITLE :
PROPOSED PLAN- FIRST FLOOR- UNIT VENTILATOR POWER LAYOUT



DATE :	2026
SCALE :	AS SHOWN
DRAWN BY:	SY
CHECKED BY :	MA
DWG STATUS :	PERMIT & TENDER
PROJECT No. :	2026-513
DRAWING No. :	E5.3
REVISION	



- PROPOSED ELECTRICAL NOTES:**
1. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW DISCONNECT SWITCH, CABLE FROM THE NEW PANEL TO THE NEW UNIT VENTILATOR TO MAKE NECESSARY POWER CONNECTIONS.CO-ORDINATE WITH MECHANICAL FOR EXACT LOCATION TO THE POWER CONNECTION.
 2. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW CONDUITS & CABLES FOR UNIT VENTILATOR, CONNECT POWER AND CONTROLS CIRCUIT TO THE NEW PANEL.
 3. CO-ORDINATE WITH THE MECHANICAL TRADES FOR ALL THE POWER REQUIREMENTS FOR THE UNIT VENTILATOR.
 4. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL 15A, FUSE AT 10A DISCONNECT SWITCH FOR THE NEW UNIT VENTILATOR.
 5. ELECTRICAL CONTRACTOR SHALL VERIFY THE INSTALLATION OF DISCONNECT SWITCH FOR THE UNIT VENTILATOR IN COORDINATION WITH THE MECHANICAL TRADES OR REFER TO THE UNIT SPECIFICATION WHERE THE MANUFACTURER PROVIDE THE ELECTRICAL CONNECTION PROVISION.
 6. ELECTRICAL CONTRACTOR SHALL RELOCATE CONDUIT WIRE AND RECEPTACLE FROM SCIENCE ROOM AND SCIENCE LAB TO ACCOMMODATE THE UNIT VENTILATOR

The Contractor shall verify all dimensions prior to commencement of the work.
All print and specifications are the property of the Architect and must be returned upon completion of the work.

ISSUE OR REVISION		
No.	Description	Date
1	ISSUED FOR BUILDING PERMIT & TENDER	APR 01, 2026

PROJECT :

ST. DAVID CATHOLIC SECONDARY SCHOOL

4 HIGH ST, WATERLOO, ON N2L 3X5

WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROFESSIONAL SEAL :

DWG TITLE :

PROPOSED PLAN- SECOND FLOOR- UNIT VENTILATOR POWER LAYOUT

REGAL CONSULTING ENGINEERS INC.

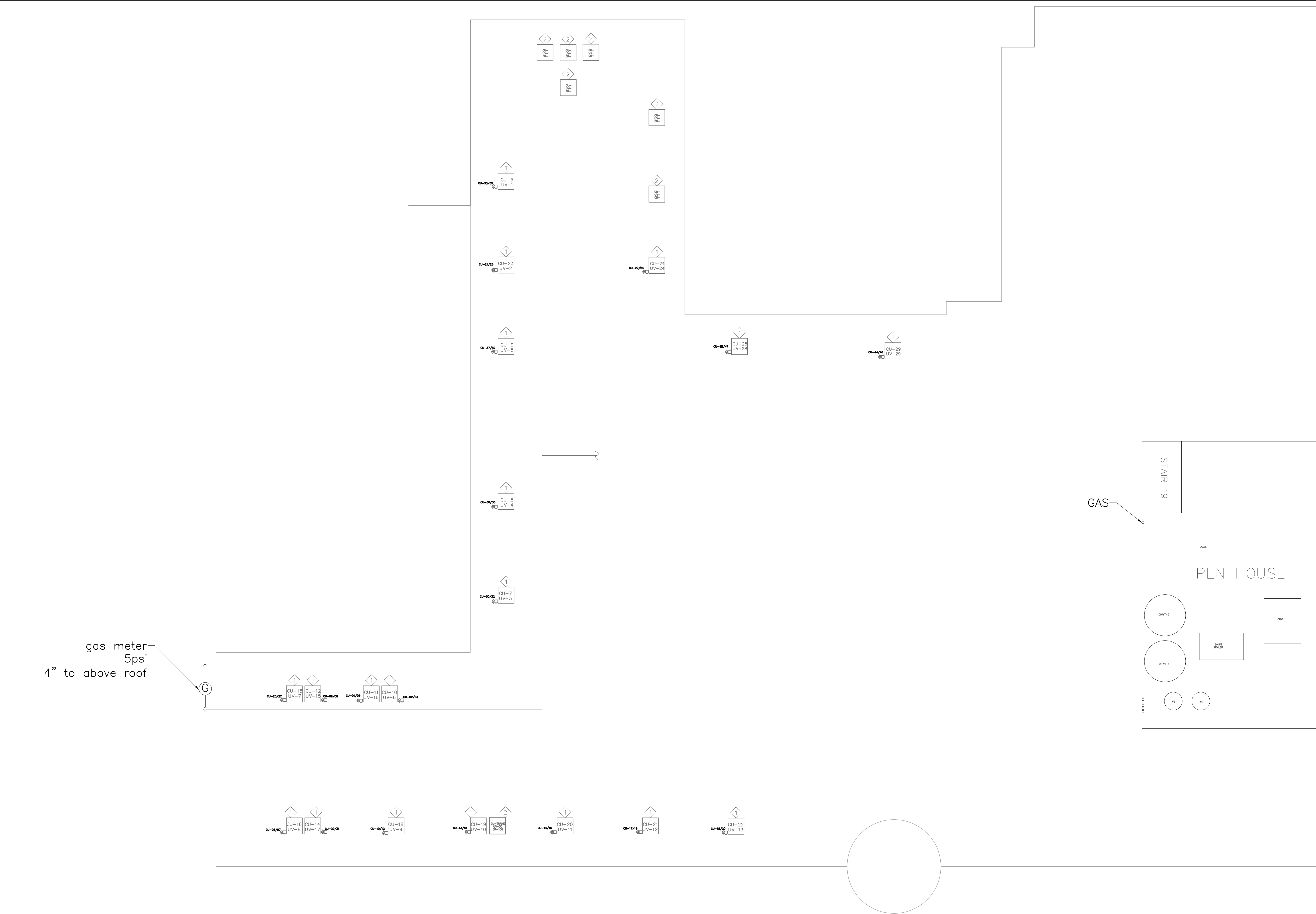
CONSULTING MECHANICAL & ELECTRICAL ENGINEERS

208 WYECROFT ROAD, SUIT 200 OAKVILLE, ON L6K 3S3

PHONE: (905) 844-3813

www.regal-eng.com

DATE :	2026
SCALE :	AS SHOWN
DRAWN BY :	SY
CHECKED BY :	MA
DWG STATUS :	PERMIT & TENDER
PROJECT No. :	2026-513
DRAWING No. :	E5.4
REVISION	



1 ROOF FLOOR- PROPOSED CONDENSER UNIT ROOF FLOOR PLAN
E5.5 SCALE 1:25

The Contractor shall verify all dimensions prior to commencement of the work. All print and specifications are the property of the Architect and must be returned upon completion of the work.

ISSUE OR REVISION		
No.	Description	Date
1	ISSUED FOR BUILDING PERMIT & TENDER	APR 01, 2026

PROJECT :
ST. DAVID CATHOLIC SECONDARY SCHOOL
4 HIGH ST, WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD



DWG TITLE :
PROPOSED PLAN- NEW CONDENSER UNIT ROOF FLOOR PLAN



DATE :	2026
SCALE :	AS SHOWN
DRAWN BY :	SY
CHECKED BY :	MA
DWG STATUS :	PERMIT & TENDER
PROJECT No. :	2026-513
DRAWING No. :	E5.5
REVISION	

[illegible]

PROJECT: ST. DAVID CATHOLIC SECONDARY SCHOOL

4 HIGH ST, WATERLOO, ON N2L 3X5

WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROFESSIONAL SEAL :



A circular professional seal for M.K. Ahmed, a Licensed Professional Engineer in the Province of Ontario. The seal features the text "LICENSED PROFESSIONAL ENGINEER" around the top arc and "PROVINCE OF ONTARIO" around the bottom arc. In the center, the name "M.K. AHMED" is printed above the license number "100089234". Below the license number, the expiration date "01/04/2026" is printed in red. A handwritten signature is visible across the top half of the seal.

DWG TITLE :
PROPOSED PLAN- LOAD SCHEDULE
FOR VENTILATOR AND CONDENSER
UNIT



REGAL CONSULTING ENGINEERS INC.
CONSULTING MECHANICAL & ELECTRICAL ENGINEERS
208 WYECROFT ROAD, SUIT 200 OAKVILLE, ON L6K 3S3
PHONE: (905) 844-3913
www.rcei.ca E-MAIL: info@rcei.ca

DATE :	2026	
SCALE :	AS SHOWN	
DRAWN BY :	SY	
CHECKED BY :	MA	
DWG STATUS : PERMIT & TENDER		
PROJECT No. :	2026-513	
DRAWING No. :	E5.6	REVISION

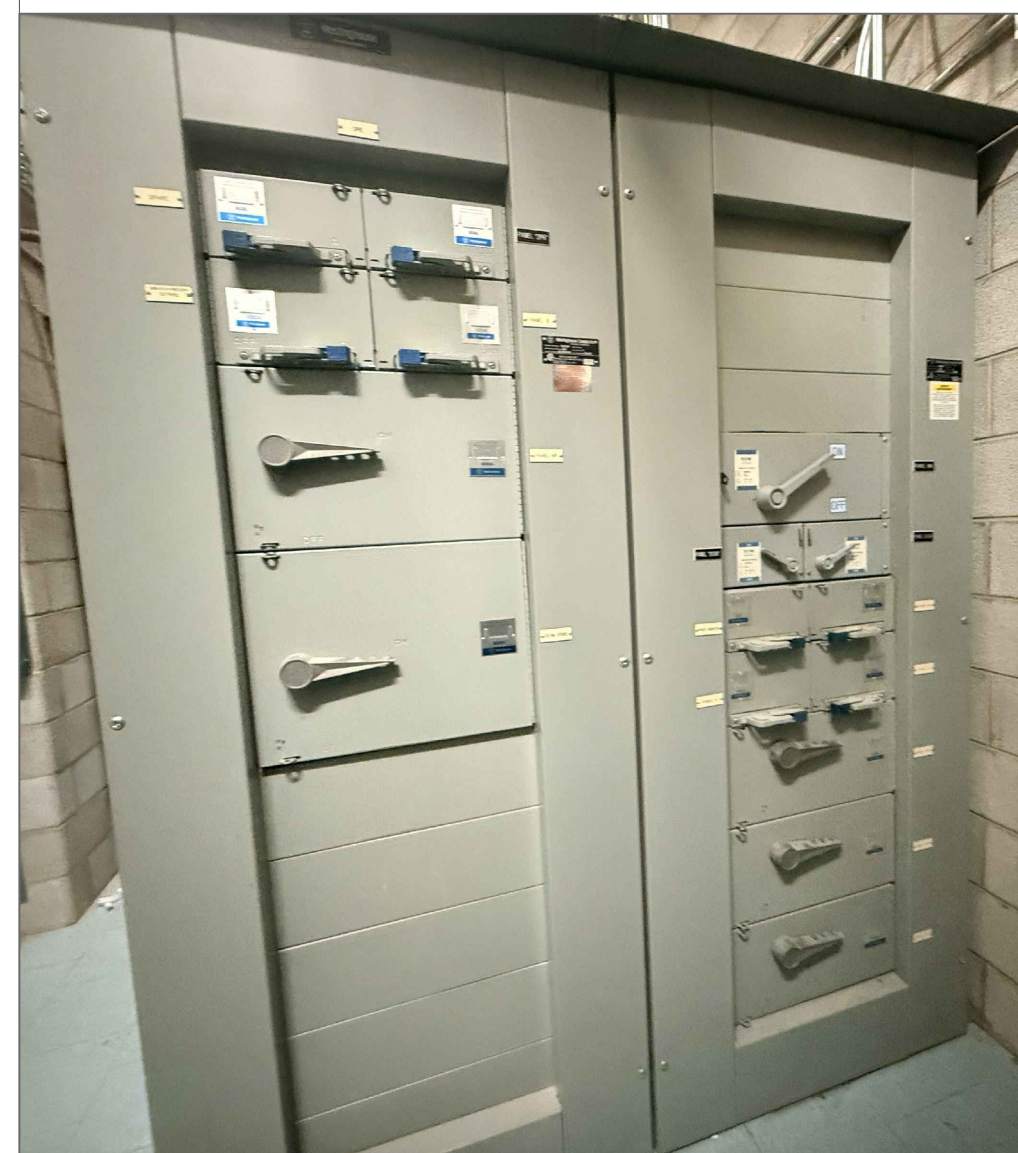
Westinghouse Canada Inc.
TORONTO, CANADA

ORDER/COMMANDE 30B7086 DWG./DESSIN
AMPERAGE/AMPÉRAGE 1600 CELL/CELLULE 1
VOLTS/TENSION 120/208 60HZ MFD/FABRIQUÉ FEB/92

SP[®] SWITCHGEAR UNIT
APPAREIL DE COMMUTATION
LL-47168 C
CSA STANDARD
NORME ACNOR C22.2 N° 31

S=

© 1970 (10710)



NOTES:

1. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW DISCONNECTS IN THE EXISTING PANEL DPE IN ELECTRICAL ROOM SECOND FLOOR (WESTINGHOUSE CANADA INC) AS REQUIRED NEW RENOVATION AND NEW MECHANICAL EQUIPMENTS SCHEDULES.
2. ALLOW FOR CUTTING STEEL PLATES.CUTTING OR REPLACING BUCKET/HOLDER INSIDE THE SWITCH BOARD TO INSTALL NEW DISCONNECTS.
3. ALLOW FOR CUTTING, PATCHING AND TO INSTALL ALL ACCESSORIES AS REQUIRED TO INSTALL NEW DISCONNECTS.
4. ELECTRICAL CONTRACTOR TO SHALL PROVIDE AND INSTALL NEW DISCONNECT SWITCH TO PANEL DPE IN SPACE LOCATION.
5. ELECTRICAL CONTRACTOR TO CO-ORDINATE WITH MECHANICAL FOR ALL RELATED ELECTRICAL WORK.

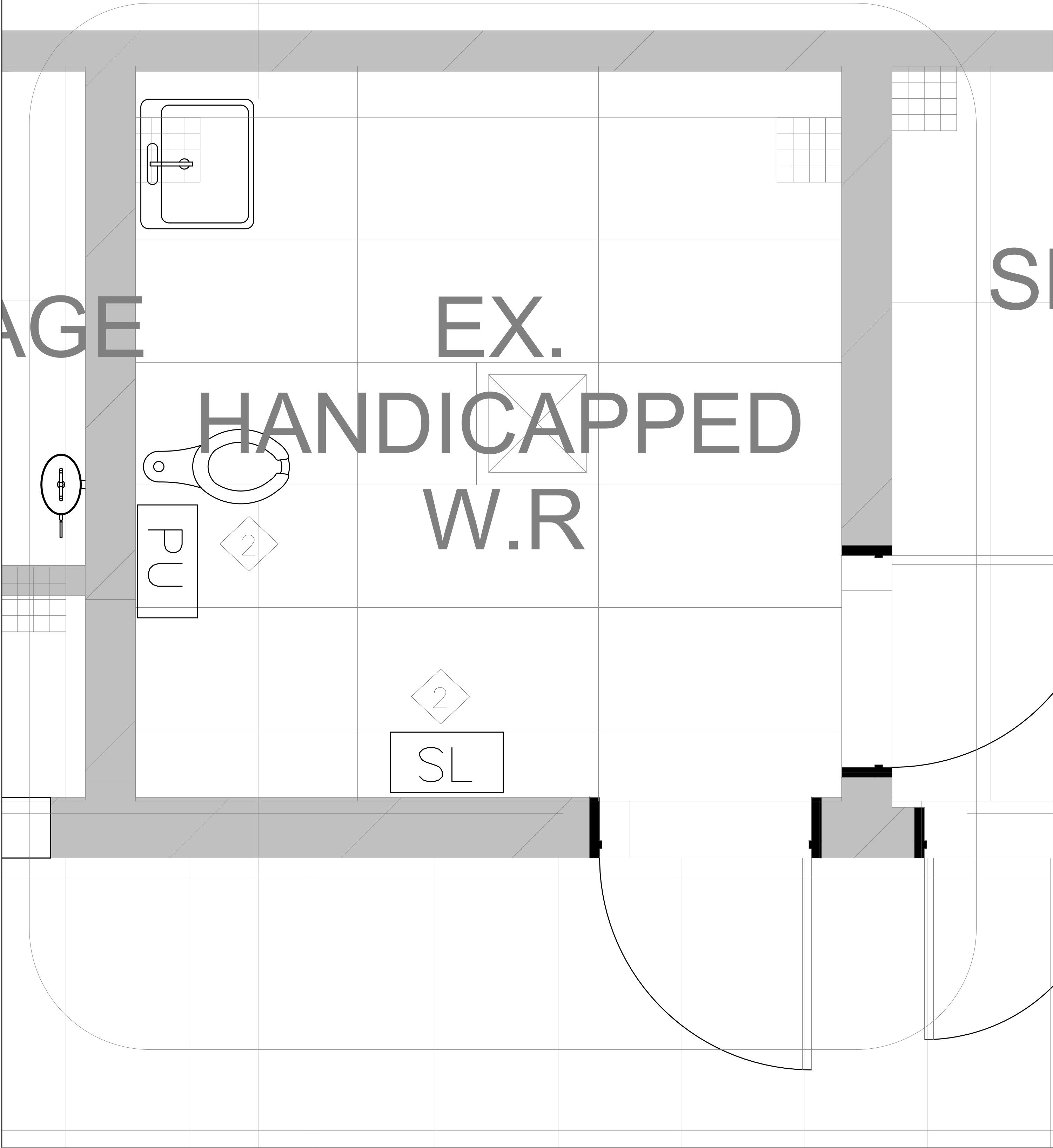
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63mmc

ELECTRICAL PANEL: 120/208V 3Ø, 4W-80HZ, 200 AMP MAIN BREAKER					NEW PANEL BOARD LP-UV SCHEDULE									
DESCRIPTION	BRKR SIZE (A)	WATTS PER PHASE			CR NO	BUS ABC	CR NO	WATTS PER PHASE			BRKR SIZE (A)	DESCRIPTION		
		A	B	C				A	B	C				
UV-01 SCIENCE PHYSICS RM	15				01		02			15	UV-06 MATH CLASS RM			
UV-02 TEACHER WORK RM	15				03		04			15	UV-07 MATH CLASS RM			
UV-03 SCIENCE RM	15				05		06			15	UV-08 MATH CLASS RM			
UV-04 SCIENCE RM	15				07		08			15	UV-09 MATH CLASS RM			
UV-05 SCIENCE RM BIOLOGY	15				09		10			15	UV-010 MATH CLASS RM			
UV-11 RELIGIOUS CLASS RM	15				11		12			15	UV-012 RELIGIOUS CLASS RM			
UV-13 RELIGIOUS CLASS RM	15				13		14			15	SPARE			
UV-28 SCIENCE RM	20				15		16			30	UV-29 SCIENCE RM			
UV-14 INDIVIDUALIZED PROGRAMMING	15				17		18			15	SPARE			
UV-24 SCIENCE LAB	15				19		20			15	UV-15 STUDENT SERVICES			
SPARE	15				21	22			15	UV-16 STUDENT SERVICE COMPUTER				
SPARE	15				23	24			15	SPARE				
SPARE	15				25	26			15	SPARE				
SPACE					27	28			15	SPARE				
SPACE					29	30			15	SPARE				
SPACE					31	32				SPACE				
SPACE					33	34				SPACE				
SPACE					35	36				SPACE				
SPACE					37	38				SPACE				
SPACE					39	40				SPACE				
SPACE					41	42				SPACE				
(*) GROUND FAULT INTERRUPTER CIRCUIT BREAKER														
(**) C/W LOCK-OFF DEVICES														

EXISTING DIST. PANEL DPE 600A-120/208V,3PH WESTINGHOUSE CANADA INC.			
60AMP-3PH SPARE		PANEL -2PR 60AMP-3PH	
100AMP-3PH SPARE		PANEL-2 100AMP-3PH	
PANEL-KP 400AMP-3PH			
EXISTING SERVICE 600AMP-3PH			
PANEL -UV 200AMP-3PH		PANEL -CU 225AMP-3PH	
SPACE			
SPACE			
SPACE			
SPACE			
PANEL HPG 200AMP-3PH			
PANEL HPF 200AMP-3PH			

ELECTRICAL PANEL: 120/208V,3Ø,4W-60HZ, 225 AMP MAIN BREAKER				PROPOSED PANEL BOARD LP-CU SCHEDULE											
DESCRIPTION	BRKR SIZE (A)	WATTS PER PHASE			CR NO	BUS ABC	CR NO	WATTS PER PHASE			BRKR SIZE (A)	DESCRIPTION			
		A	B	C				A	B	C					
CJ-11 CONDENSER UNIT ON ROOF	30 2P				01		02		30 2P	CJ-10 CONDENSER UNIT ON ROOF					
CJ-16 CONDENSER UNIT ON ROOF	30 2P				03		04			30 2P	CJ-12 CONDENSER UNIT ON ROOF				
CJ-14 CONDENSER UNIT ON ROOF	30 2P				05		06			30 2P	CJ-18 CONDENSER UNIT ON ROOF				
CJ-19 CONDENSER UNIT ON ROOF	30 2P				07		08			30 2P	CJ-20 CONDENSER UNIT ON ROOF				
CJ-21 CONDENSER UNIT ON ROOF	30 2P				09		10			30 2P	CJ-22 CONDENSER UNIT ON ROOF				
CJ-23 CONDENSER UNIT ON ROOF	30 2P				11		12			30 2P	CJ-24 CONDENSER UNIT ON ROOF				
CJ-15 CONDENSER UNIT ON ROOF	30 2P				13		14			30 2P	SPARE				
CJ-14 CONDENSER UNIT ON ROOF	30 2P				15		16			30 2P	CJ-07 CONDENSER UNIT ON ROOF				
CJ-05 CONDENSER UNIT ON ROOF	45 2P				17		18			45 2P	SPARE				
CJ-09 CONDENSER UNIT ON ROOF	45 2P				19		20			45 2P	CJ-08 CONDENSER UNIT ON ROOF				
SPARE	45 2P				21	22			45 2P	SPARE					
CJ-28 CONDENSER UNIT ON ROOF	50 2P				23	24			50 2P	CJ-29 CONDENSER UNIT ON ROOF					
SPARE	50 2P				25	26			50 2P	SPARE					
SPARE					27	28				SPARE					
SPARE					29	30				SPARE					
SPARE					31	32				SPARE					
SPARE					33	34				SPARE					
SPARE					35	36				SPARE					
SPARE					37	38				SPARE					
SPARE					39	40				SPARE					
SPARE					41	42				SPARE					
SPARE					43	44				SPARE					
SPARE					45	46				SPARE					
SPARE					47	48				SPARE					
SPARE					49	50				SPARE					
SPARE					51	52				SPARE					
SPARE					53	54				SPARE					
SPARE					55	56				SPARE					
SPARE					57	58				SPARE					
SPARE					59	60				SPARE					
SPARE					61	62				SPARE					
SPARE					63	64				SPARE					
SPARE					65	66				SPARE					
SPARE					67	68				SPARE					
SPARE					69	70				SPARE					
SPARE					71	75				SPARE					
(*) GROUND FAULT INTERRUPTER CIRCUIT BREAKER															
(**) C/W LOCK-OFF DEVICES															

ENLARGED PLAN



DEMOLITION NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL CAREFULLY REMOVE THE EXISTING LIGHTING FIXTURE WITHOUT DISTURBING THE EXISTING LIFE SAFETY DEVICES IN THE EXISTING CEILING .
2. CONTRACTOR TO REMOVE ALL EXISTING DEVICE WITH OUT DISTURBING THE LIFE SAFETY DEVICES.
3. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ALL RELATED ELECTRICAL WORK.
4. THE ELECTRICAL CONTRACTOR SHALL PROTECT ALL EXISTING EQUIPMENT, DEVICES, AND CABLES DURING WORK. ANY DAMAGED COMPONENTS SHALL BE REPLACED AT NO ADDITIONAL COST.
5. THE ELECTRICAL CONTRACTOR SHALL ENSURE ALL WORK COMPLIES WITH THE ONTARIO ELECTRICAL SAFETY CODE AND OBTAIN NECESSARY INSPECTIONS AND APPROVALS.

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ISSUE OR REVISION

No.	Description	Date
1	ISSUED FOR BUILDING PERMIT & TENDER	APR 01, 2026

PROJECT : ST. DAVID CATHOLIC SECONDARY SCHOOL

4 HIGH ST, WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROFESSIONAL SEAL :



DWG TITLE :

ELECTRICAL DEMO STUDENT SERVICE WASHROOM



REGAL CONSULTING ENGINEERS INC.
CONSULTING MECHANICAL & ELECTRICAL ENGINEERS
208 WYECROFT ROAD, SUIT 200 OAKVILLE, ON L6K 3S3
PHONE: (905) 844-3813
www.regal-eng.com

DATE : 2026

SCALE : AS SHOWN

DRAWN BY: SY

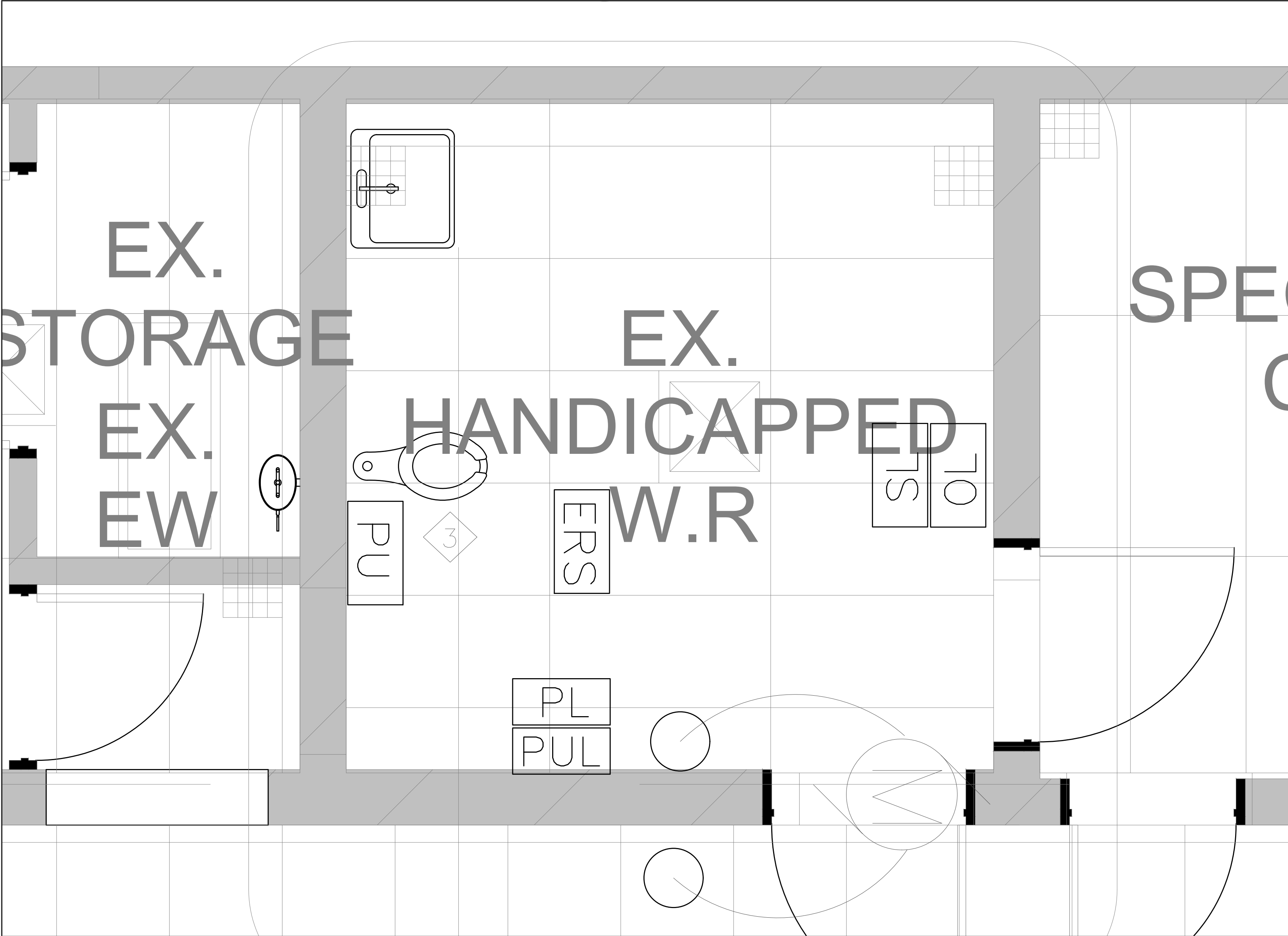
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DWG STATUS : PERMIT & TENDER

PROJECT No. : 2026-513

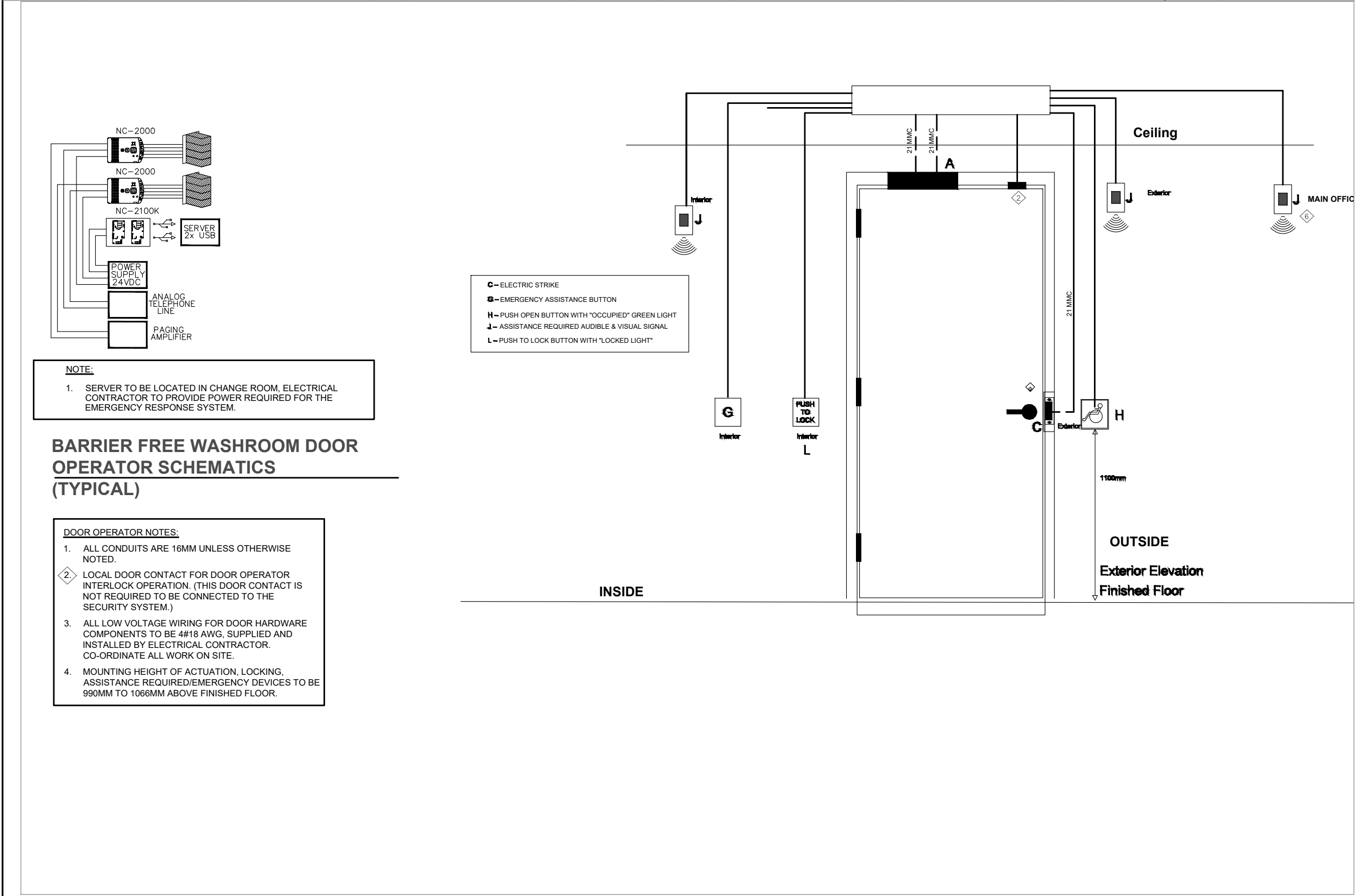
DRAWING No. : E6.0

REVISION



PROPOSED POWER NOTES:

1. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL EMT CONDUIT WITH PULL STRING FOR NURSE SYSTEM IN THE CEILING SPACE OF WASHROOM.
2. SPECIALIZED CONTRACTOR FOR NURSES CALL SYSTEM WILL INSTALL COMPLETE SYSTEM WITH CONTROLLER .
3. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL EMT CONDUIT WITH PULL STRING FOR NEW SMOKE DETECTOR, FIRE ALARM HORN & STROBE AS SHOWN.
4. CONTRACTOR TO PROVIDE AND INSTALL NEW FIRE ALARM HORN & STROBE AS SHOWN. CONTRACTOR TO MAKE SURE THE SOUND OF NEW FIRE ALARM HORN SYNCHRONIZED WITH EXISTING FIRE ALARM HORNS. ALLOW FOR TESTING AND VERIFICATION OF THE FIRE ALARM DEV ICES.



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PROJECT :
ST. DAVID CATHOLIC SECONDARY SCHOOL

4 HIGH ST, WATERLOO, ON N2L 3X5
WATERLOO CATHOLIC DISTRICT SCHOOL BOARD

PROFESSIONAL SEAL :



DWG TITLE :

ELECTRICAL PROPOSED BARRIER FREE WASHROOM



REGAL CONSULTING ENGINEERS INC.
CONSULTING MECHANICAL & ELECTRICAL ENGINEERS
208 WYECROFT ROAD, SUIT 200 OAKVILLE, ON L6K 3S3
PHONE: (905) 844-3913
www.regal-eng.com

DATE : 2026

SCALE : AS SHOWN

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CHECKED BY: MA

DWG STATUS :
PERMIT & TENDER

PROJECT No. :
2026-513

DRAWING No. :
E6.1

REVISION

